

# Konstantinos Christidis Curriculum Vitae

## CURRICULUM VITAE

1. **Family name:** Christidis
2. **First names:** Konstantinos
3. **Date of birth:** August 12, 1978
4. **Nationality:** Greek
5. **Civil status:** Married
6. **Address:** Zone 69, Street 217, Building 3, Apartment 304, Lusail, Qatar
7. **Contact Details:** [impergus@hotmail.com](mailto:impergus@hotmail.com), [info@christidis-publishing.com](mailto:info@christidis-publishing.com), +97433486209, +306943108734
8. **Education:**

Institution [Date from - Date to]	Degree(s) or Diploma(s) obtained:
Democritus University of Thrace <i>December 2019 – Present</i>	Ph.D. Candidate in the Field of Machine Learning Applications in Transport Engineering
Democritus University of Thrace <i>9/1997 – 9/2002</i>	Diploma in Civil Engineering (Integrated Master)

9. **Language skills:** *Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)*

Language	Reading	Speaking	Writing
<i>English</i>	1	1	1
<i>Greek</i>	1	1	1
<i>German</i>	4	5	5

10. **Membership of professional bodies:**
  - Registered Civil Engineer – Technical Chamber of Greece (TEE)
  - Institution of Civil Engineers (UK)
  - Institute of Transportation Engineers (USA)
  - Grade C Civil – Transport Engineer with the Greek Ministry of Public Works' Matrix of Consulting Engineers
  - Grade B Civil Engineer with the State of Qatar Engineering & Consulting Offices Accrediting Committee
11. **Other skills:** (e.g. Computer literacy, etc.):

### COMPUTER LITERACY

Road Design and Civil Engineering Design: AutoCAD Civil 3d, 12D Roads and Underground Networks, Bentley Open Roads, Odos, HEC RAS.

Transportation and Traffic Engineering Software: TRANSYT, HCS, Vissim, Visum, SUMO, Saturn.

Statistical and Project Control Software: PRIMAVERA, MS PROJECT, SPSS, Gretl, MatLAB

Excellent command of the MS Office Suite (Word, Excel, PowerPoint)

Good command of the Visual C++ Programming Environment

OrbitGT Road and Rail Asset Inventory Software

### CERTIFICATIONS ON SPECIALIZED EQUIPMENT

MX9 Mobile Mapping System

ROMDAS IRI and Laser Crack Measuring System

GripTester

12. **Present position:** Lead Transport Engineer / Assets Manager for the State of Qatar MoTC Project "Roads Technical Surveys"
13. **Years within the firm:** September 2019 – Present
14. **Key qualifications:**
  - Strong focus in delivering results within time and budget constraints.
  - Strong management, communication and analytical skills. Extensive experience in leading multicultural interdisciplinary teams for large infrastructure and transportation projects.

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- Excellent command of local and international standards for highway and traffic engineering (Qatar Highway Design Manual, Ashghal Drainage Design Manual, Green Book, Highway Capacity Manual, Handbuch für die Bemessung von Straßenverkehrsanlagen, Richtlinien für Lichtsignalanlagen), railway engineering, road safety, and gravity network design.
- Top level experience both within a consultant and a contractor environment.
- Experience in client management and interface with the authorities and the contractors.

### 15. Specific experience abroad:

Country	Date from - Date to
Qatar	June 2013 - Present

### 16. Employment Record

<b>From: September 1<sup>st</sup> 2019</b>	<b>To: Present</b>
Location:	Qatar
Company:	Survey Technologies (STS) – Avaris Transport Engineers
Position:	Lead Transport Engineer – Assets Manager
Description:	Ministry of Transport and Communications Project “Roads Technical Surveys”: <ul style="list-style-type: none"> <li>• Prepare the Project Management Plan.</li> <li>• Lead and Train the Asset Inventory Collection and Recording and Pavement Testing and Assessment Teams.</li> <li>• Liaise with the Client and Provide Consulting Services on the Development of the Ministry’s Road Asset Geodatabase.</li> <li>• Provide training to MoTC personnel on asset condition assessment including structures, road furniture, pavements.</li> <li>• Perform Pavement Condition Assessment and Remaining Life Studies.</li> <li>• Prepare Tender Bids for the Projects “Road Safety Management System,” “Development of an Integrated Transport Asset Management system”, and “Congestion Management Services” for MoTC.”</li> </ul>
Budget:	44 Million Qatari Riyal (11 Million Euros)
<b>From: December 4<sup>th</sup>, 2019</b>	<b>To: Present</b>
Location:	Greece
Institution:	Democritus University of Thrace
Position:	Ph.D. Candidate in the Field of Transport Planning
Description:	Conduct Research into the Development of Artificial Neural Network Applications for Urban Transport Demand and Modal Split Forecasting. Development of the following models for Athens and Thessaloniki, with assorted software: <ul style="list-style-type: none"> <li>• Conventional: Logit, Multinomial Logit, and Nested Logit models for Modal Split Modelling, and Gravity, Time-Series (ARIMA) and Econometric Models for Demand Forecasting.</li> <li>• Machine Learning: Multilayer Perceptron with Backpropagation and Particle Swarm Optimization Training Algorithms, Radial Basis Function Networks with Backpropagation, Particle Swarm Optimization, and Genetic Algorithms, and Fuzzy ARTMAP Adaptive Resonance Theory network.</li> </ul> Preparation of questionnaire surveys, analysis of data, and innovative model development and assessment.
<b>From: January 1<sup>st</sup>, 2019</b>	<b>To: August, 2019</b>
Location:	Qatar
Company:	Doha International School
Position:	Maintenance Manager
Description:	Responsible for maintenance needs identification and scheduling, procurement of materials and subcontract works. Supervision of subcontractors.

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<b>From: January 1<sup>st</sup>, 2015</b>	<b>To: December 31<sup>st</sup>, 2018</b>
Location:	Qatar
Company:	Aktor Qatar WLL
Position:	Technical Manager
Description:	Responsible for all the civil engineering works for the ISF Camp at Duhail Project (2.8bn Qatari Riyal). Leadership of the engineering department's civil engineering, structural engineering, and architectural teams (6 engineers and 16 draftsmen) and subcontractors' engineering works. Technical substantiation of the Contractor's claims and representation of the Contractor to contractual meetings with the client's representatives. Liaise with the authorities (Ashghal, Kahramaa, and Ministry of the Interior), the Client, and supervision consultant. Development and supervision of the population of the roads and underground utilities database to be submitted to the client.
Budget:	2.8 Billion Qatari Riyal (700 Million Euros)
<b>From: June 29<sup>th</sup>, 2013</b>	<b>To: December 31<sup>st</sup>, 2014</b>
Location:	Qatar
Company:	Aktor Qatar WLL
Position:	Senior Highways and Infrastructure Engineer, Senior Traffic Engineer
Description:	Responsible for all civil engineering design works for the ISF Camp at Duhail Project (2.8bn Qatari Riyal). More specifically, my responsibilities included: <ul style="list-style-type: none"> <li>• 20km of Road Network and its connection to public roads.</li> <li>• Storm Water and Sewage Water Networks (Gravity and Pressurized lines).</li> <li>• Coordination of all underground utilities within the project.</li> <li>• Supervision of design subcontractors as well as in-house development of designs, in charge of a team of 10 engineers and 30 draftsmen.</li> <li>• Coordination with the authorities (Ashghal, Kahramaa, and Ministry of the Interior) and their contractors.</li> <li>• In-house preparation of traffic impact and traffic diversion plans for the company's ISF Camp at Duhail Project and New Doha International Airport Project works.</li> </ul>
<b>From: February 2013</b>	<b>To: May 30<sup>th</sup>, 2013</b>
Location:	Greece
Company:	Trakos and Associates Consulting Engineers
Position:	Senior Highways and Traffic Engineer
Description:	Responsible for the preparation of road and storm water network designs from the conceptual to the final design stage. Traffic engineering and road safety designs. Preparation of tenders.
<b>From: January 2010</b>	<b>To: December 31<sup>st</sup>, 2012</b>
Location:	Greece
Company:	K. Christidis Consulting Engineering Office
Position:	Director
Description:	Transportation engineering office responsible for the preparation of road and storm water network designs for various municipalities and execution of engineering works (preparation of shop drawings) for medium-sized contractors.
<b>From: August 1<sup>st</sup>, 2007</b>	<b>To: December 31<sup>st</sup>, 2009</b>
Location:	Greece
Company:	Prisma Consulting Engineers S.A.
Position:	Highways Engineer, Traffic and Road Safety Engineer

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Description:	<p>Responsible for</p> <ul style="list-style-type: none"> <li>• Road Safety Audits and Road Safety Measure designs for the Existing Sections of the Maliakos – Kleidi Motorway Project (800mn Euros Design and Build Project – 30000 pcu AADT per direction).</li> <li>• Road Safety Audits and Road Safety Measure designs for the Existing Sections of the Elefsina – Korinthos – Patras – Pyrgos – Tsakona Motorway Project (1.5bn Euros Design and Build Project – 60000 pcu AADT per direction).</li> <li>• Development of database for Road Safety for the Maliakos – Kleidi Motorway Project projects.</li> <li>• Development of database for Road Safety for the Elefsina – Korinthos – Patras – Pyrgos – Tsakona Motorway Project.</li> <li>• The design and implementation of the Greek Ministry for Public Works Maintenance and Road Safety Department’s Geographic Information System for rural highways and streets for the planning of maintenance and road safety upgrade works.</li> <li>• Technical Consultant for the Maintenance and Road Safety Department in the implementation of the European Union project “Road Safety Operational Plan”.</li> <li>• Blackspot Analysis and Road Safety Measure Design for the Existing Patras – Pyrgos – Tsakona Rural Highway.</li> <li>• Road Safety Audit, Blackspot Analysis, and Road Safety Measure Design for the existing Thermi – Galatista Rural Highway.</li> <li>• Blackspot Analysis and Road Safety Measure Design for the Existing Antirrio – Ioannina Rural Highway.</li> <li>• Road and storm water designs for the Maliakos – Kleidi Motorway Project from the conceptual to the shop drawing stage.</li> <li>• Development of the Maintenance and Road Safety Department’s internal works scheduling and monitoring system.</li> <li>• Review of highway design works (alignment and pavement engineering) and traffic engineering studies (interchange level of service analysis) for the Athens – Skarfeia and Ionia Odos Motorway Projects.</li> <li>• Road and storm water designs for highways, interchanges, intersection and streets. Preparation of tender for the design and build project Kostanza (Romania) Motorway.</li> <li>• Member of the Transportation Planning Study Team for the Athens Public Transport Organization 4-Step Model for 2010 and beyond. Development of models with the software package Visum.</li> </ul>
Total: Budget:	Approximately 2.5 billion Euros (10 billion Qatari Riyals)
<b>From: January, 2007</b>	<b>To: July, 2007</b>
Location:	Greece
Company:	Lefkippos S.A.
Position:	Planner Civil Engineer
Description:	Plan and monitor the company’s worksites.
<b>From: January 2006</b>	<b>To: July 2006</b>
Location:	Greece
Company:	Greek Navy
Position:	Seaman, Radar Operator as part of the obligatory military service for Greek citizens.
<b>From: September 25<sup>th</sup>, 2002</b>	<b>To: October 31<sup>st</sup>, 2005</b>
Location:	Greece
Company:	Democritus University of Thrace, Profillidis and Associates
Position:	Research Assistant / Civil Engineer
Description:	Responsible for

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	<ul style="list-style-type: none"><li>• Feasibility and transportation planning studies for a new Airport in Igoumenitsa.</li><li>• Traveler Survey, Transportation Demand Forecasting, and Preparation of the Greek Railway's Commercial and Pricing Policy.</li><li>• Railway designs from the conceptual to the shop drawing stage.</li></ul>
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### 17. Professional Experience

Date from - Date to	Location	Company	Position	Description
09/2019 to Present	Qatar	Survey Technologies / Avaris Transport Engineers	Lead Transport Engineer – Assets Manager	Road Technical Surveys Project for the State of Qatar Ministry of Transport and Communications.
2018	Qatar	Aktor Qatar WLL	Technical Manager	Design Management Works and Review of Shop Drawings for Package CPC14 (Main Car Parking and Main Gate) prepared by subcontractor SALFO.
2018	Qatar	Aktor Qatar WLL	Technical Manager	Supervision of the preparation of As-Built Drawings for Roads, Surface and Sewage Drainage Networks.
2017 to 2018	Qatar	Aktor Qatar WLL	Technical Manager	Development of Surface Drainage Network design for Master Plan Rev. M for the evaluation of the Contractor's Claim for changes in the Master Plan.
2017 to 2018	Qatar	Aktor Qatar WLL	Technical Manager	Development of Sewage Drainage Network design for Master Plan Rev. M for the evaluation of the Contractor's Claim for changes in the Master Plan.
2017	Qatar	Aktor Qatar WLL	Technical Manager	Preparation of the Contractor's Successful Bid for Contract CPC14 with Qatar's Internal Security Forces for their Al Duhail Project. Design review and preparation of Bill of Quantities for road and gravity networks (surface and sewage drainage) works.
2016 to 2018	Qatar	Aktor Qatar WLL	Technical Manager	Preparation of the Contractor's Extension of Time Claim. Identification and justification of delay events.
2016 to 2018	Qatar	Aktor Qatar WLL	Technical Manager	Preparation of the Contractor's Variation Order Requests for the Storm Water, Foul Water and External Boundary Wall Works. Identification and quantification of changes due to Employer' Instructions.
2015 to 2016	Qatar	Aktor Qatar WLL	Technical Manager	Storm Water Drainage Design for the Wind Tunnel Area (ISF) – Concept Design, Preliminary Design, Detailed Design and Shop Drawings.
2015 to 2016	Qatar	Aktor Qatar WLL	Technical Manager	Storm Water Drainage Design for the North District Cooling Plant (ISF) – Concept Design, Preliminary Design, Detailed Design and Shop Drawings.
2015 to 2016	Qatar	Aktor Qatar WLL	Technical Manager	Storm Water Drainage Design for the South District Cooling Plant (ISF) – Concept Design, Preliminary Design, Detailed Design and Shop Drawings.

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Date from - Date to	Location	Company	Position	Description
2015 to 2016	Qatar	Aktor Qatar WLL	Technical Manager	Road Design for the North District Cooling Plant (ISF) - Concept Design, Preliminary Design, Detailed Design and Shop Drawings.
2015 to 2016	Qatar	Aktor Qatar WLL	Technical Manager	Road Design for the South District Cooling Plant (ISF) - Concept Design, Preliminary Design, Detailed Design and Shop Drawings.
2015	Qatar	Aktor Qatar WLL	Technical Manager	Road and Surface Drainage Design for Salwa Site Phase 2 – Detailed Design and Shop Drawings (ISF).
2014	Qatar	Aktor Qatar WLL	Senior Highways and Infrastructure Engineer	Traffic Impact Study of Construction Works for the ISF Project.
2014	Qatar	Aktor Qatar WLL	Senior Highways and Infrastructure Engineer	Concept Design for the Master Plan for the Development of the Qatari Emiri Naval Forces College.
2013 to 2015	Qatar	Aktor Qatar WLL	Senior Highways and Infrastructure Engineer	Development of the ISF Development Project Construction Traffic Management Plan.
2014	Qatar	Aktor Qatar WLL	Senior Highways and Infrastructure Engineer	In-House Design of Tie-In points to External Roads by Ashghal to support the Design Sub-Contractor (ISF) – Concept Design.
2014	Qatar	Aktor Qatar WLL	Senior Highways and Infrastructure Engineer	In-House Road and Surface Drainage Design for the Wind Tunnel Area (ISF) – Concept Design, Preliminary Design, Detailed Design and Shop Drawings.
2013	Qatar	Aktor Qatar WLL	Senior Highways and Infrastructure Engineer	Road and Surface Drainage Design for Salwa Site Phase 1 – Detailed Design and Shop Drawings (ISF).
2013 to 2014	Qatar	Aktor Qatar WLL	Senior Highways and Infrastructure Engineer	Review of designs provided by Ashghal (Qatar Public Works Authority). Development of review reports and associated correspondence to the Authority. Assessment of engineering and contractual impact of Client provided designs.
2013 to 2014	Qatar	Aktor Qatar WLL	Senior Highways and Infrastructure Engineer	Review and commenting of Client-provided Designs. Development of review reports and associated correspondence to the client. Assessment of engineering and contractual impact of Client provided designs.

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Date from - Date to	Location	Company	Position	Description
2013 to 2014	Qatar	Aktor Qatar WLL	Senior Highways and Infrastructure Engineer	Supervision and review of Design Subcontractor Roads and Storm Water Design Works (ISF) – Design Review and commenting. Development of review reports, alternative and value engineering solutions and ensuring conformance to contractual requirements of my employer and the design subcontractors towards my employer.
2013	Qatar	Aktor Qatar WLL	Senior Highways and Infrastructure Engineer	Development of Pavement Design Criteria Report.
2013	Greece	N. Trakos and Associates	Senior Highways Engineer	Concept and Preliminary Designs for the bypass road of Dimitsana Historical Town, and the improvement of Dimitsana Internal Road network (Client: Gortynia Municipality) including road works, surface drainage and sewage drainage.
2013	Greece	N. Trakos and Associates	Senior Highways Engineer	Road and Surface Drainage Design of 5km of urban roads and 3 modern roundabouts at Vrontado of Chios (Client: Chios Municipality).
2013	Greece	N. Trakos and Associates	Senior Highways Engineer	Road and Surface Drainage Design for 5km of mountain road, and 25km of bicycle paths at the Gortynia Municipality (Client: Gortynia Municipality).
2012	Greece	K. Christidis Engineering Office	Project Manager and Lead Engineer	Road and Surface Drainage Design of 20km Mountain Road at the Falaisia Municipality of the Peloponnese (Client: Falaisia Municipality). The Project included development of an entirely new alignment, detailed road and surface drainage design works and hydraulic design of water stream crossing structures [four (4) culverts and one (1) bridge].
2011	Greece	K. Christidis Engineering Office	Project Manager and Lead Engineer	Translation into Greek of “Richtlinien für Lichtsignalanlagen 2010” from the German Original for the Greek Ministry of Public Works.
2010	Greece	K. Christidis Engineering Office	Project Manager and Lead Engineer	Translation into Greek of “Handbuch für die Bemessung von Straßenverkehrsanlagen 2001” from the German Original for the Greek Ministry of Public Works.
2010 to 2011	Greece	K. Christidis Engineering Office for NAMA S.A.	Senior Tramway Alignment and Road Traffic Engineer	Development of a Segment of the Design Titled “Detailed Design for the Tramway Extension into Peiraeus” (Client: NAMA Consulting Engineers). Design works included alignment, track and surface drainage disciplines. Construction budget of approximately 150 Million Euros.



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Date from - Date to	Location	Company	Position	Description
2009	Greece	Prisma Consulting Engineers S.A.	Highway and Traffic Engineer	Checking and Review of Traffic Engineering, Pavement Design and Road Designs for the Project Athens – Skarfeia and Ionia Odos Motorway Projects (Client: Greek Ministry for Public Works). Development of design review reports and value engineering reports. Checking designs for conformance to design standards and contractual requirements.
2009	Greece	Prisma Consulting Engineers S.A.	Road Safety Engineer	Study of the Sufficiency of Acceleration – Deceleration Lane Lengths at the Interchanges on the Patras By-Pass Existing Motorway Section (Client: Hochtief – Aktor – Vinci – GEK Terna JV).
2009	Greece	Prisma Consulting Engineers S.A.	Road Safety Engineer	Road Safety Designs for the Existing Motorway Sections of the Axis Elefsina – Corinth – Patras – Pyrgos – Tsakona (Client: Hochtief – Aktor – Vinci – GEK Terna JV).
2009	Greece	Prisma Consulting Engineers S.A.	Highway and Traffic Engineer	Checking of Superelevation for the Existing Motorway Sections of the Maliakos – Kleidi (Client: Hochtief – Aktor – Vinci – GEK Terna JV)
2008 to 2009	Greece	Prisma Consulting Engineers S.A.	Highway and Traffic Engineer	Traffic Signs and Signalization Designs for the Upgrade of the Existing Intersections Evangelismos, Omolio, Rapsani, Platamonas, Aigani and Ampelakia at Geographical Unit 26 of the Maliakos – Kleidi Motorway Project (Client: Hochtief – Aktor – Vinci – GEK Terna JV).
2008 to 2009	Greece	Prisma Consulting Engineers S.A.	Highway and Traffic Engineer	Concept Designs, Preliminary Designs, Detailed Designs and Shop Drawings for Road and Surface Drainage Works for the Upgrade of the Existing Intersections Evangelismos, Omolio, Rapsani, Platamonas, Aigani and Ampelakia at Geographical Unit 26 of the Maliakos – Kleidi Motorway Project (Client: Hochtief – Aktor – Vinci – GEK Terna JV).
2008 to 2009	Greece	Prisma Consulting Engineers S.A.	Road Safety Engineer	Road Safety Consulting Services for Directorate D3 of the Greek Ministry for Public Works / Development of Road Asset and Road Safety Database final version based on ArcGIS Software (Client: Greek Ministry for Public Works). Review of road safety upgrade designs for roads and intersections. Development of review reports and alternative solutions.
2007 to 2009	Greece	Prisma Consulting Engineers S.A.	Transport Modeler	Development of a Transportation Planning Model for the Athens Public Transport Organization.

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Date from - Date to	Location	Company	Position	Description
2008 to 2009	Greece	Prisma Consulting Engineers S.A.	Road Safety, Highway and Traffic Engineer	Development and Design of Medium-Term Safety Improvement Measures for the Highway Thermi – Galatista (120km approximately of heavily traffic two-lane highway) (Client: Greek Ministry for Public Works). Safety measures designed include, among others, improvements in alignment, junction layout and surface drainage. Implementation of conceptual version of Road Asset and Road Safety GIS Database.
2008 to 2009	Greece	Prisma Consulting Engineers S.A.	Highway and Traffic Engineer	Detailed Road and Storm Water Drainage Design for the Kalyvia – Lagonisi Highway (6km of urban roads and 5 modern roundabouts) (Client: Greek Ministry of Public Works). Project construction budget of 50 Million Euros.
2008	Greece	Prisma Consulting Engineers S.A.	Highway and Traffic Engineer	Proposal for Traffic Arrangements and Road Safety of Worksite Roads and Access at the area of Tempa (Client: Hochtief – Aktor – Vinci – GEK Terna JV).
2009	Greece	Prisma Consulting Engineers S.A.	Highway and Traffic Engineer	Study for the Determination and Justification of Construction Work Scheduling at Geographical Unit 26 (Tempa Valley) of the Maliakos – Kleidi Project (Client: Hochtief – Aktor – Vinci – GEK Terna JV).
2008	Greece	Prisma Consulting Engineers S.A.	Highway and Traffic Engineer	Traffic Impact Study for Rock-fall Protection Measures Works at the Tempa Valley (Client: Hochtief – Aktor – Vinci – GEK Terna JV).
2008 to 2009	Greece	Prisma Consulting Engineers S.A.	Highway and Traffic Engineer	Detailed Road and Surface Drainage Designs for the Upgrade of Existing Parking and Rest Areas at the Maliakos – Kleidi Motorway Sections (Client: Hochtief – Aktor – Vinci – GEK Terna JV).
2008	Greece	Prisma Consulting Engineers S.A.	Highway and Traffic Engineer	Pavement Design for the Motorway Project Maliakos – Kleidi (Client: Hochtief – Aktor – Vinci – GEK Terna JV). Multiple motorway and highway pavements designed for Annual Average Daily Traffic ranging from 5000 passenger car units per direction, to 35000 passenger car units per direction.
2008	Greece	Prisma Consulting Engineers S.A.	Highway and Traffic Engineer	Traffic Engineering Studies (Traffic Volume Survey and signalization programs) for the Project Thessaloniki Underwater Road Link for the Construction Phase and the Final Design (Client: J&P Avax).
2008	Greece	Prisma Consulting Engineers S.A.	Highway and Traffic Engineer	Concept and Preliminary Road and Surface Drainage Design for the Makrygialos Interchange (Client: Hochtief – Aktor – Vinci – GEK Terna JV). Three lanes per direction existing motorway dumbbell interchange (diamond with modern roundabouts) with two-lane highway.

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Date from - Date to	Location	Company	Position	Description
2008	Greece	Prisma Consulting Engineers S.A.	Highway and Traffic Engineer	Concept and Preliminary Road and Surface Drainage Design for the Aiginio Interchange (Client: Hochtief – Aktor – Vinci – GEK Terna JV). Three lanes per direction existing motorway dumbbell interchange (diamond with modern roundabouts) with two-lane highway.
2008	Greece	Prisma Consulting Engineers S.A.	Road Safety Engineer	Blackspot Analysis (Identification of Hazardous Locations) at the Road Section Kato Achaia – Kalo Nero – Tsakona (Client: Hochtief – Aktor – Vinci – GEK Terna JV). Development of road asset and road safety GIS database.
2008	Greece	Prisma Consulting Engineers S.A.	Road Safety Engineer	Road Safety Audit for the Existing Elefsina – Korinthos – Patras motorway and highway sections (total of 360km and over 100 interchanges and intersections) and Development and Design of Mitigation and Road Safety Improvements Measures (Client: Hochtief – Aktor – Vinci – GEK Terna JV). Development of road asset and road safety GIS database.
2007 to 2008	Greece	Prisma Consulting Engineers S.A.	Road Safety Engineer	Road Safety Audit for the Existing Maliakos – Kleidi motorway and highway sections (total of 248km and over 50 interchanges and intersections) and Development and Design of Mitigation and Road Safety Improvements Measures (Client: Hochtief – Aktor – Vinci – GEK Terna JV). Development of road asset and road safety GIS database.
2007	Greece	Prisma Consulting Engineers S.A.	Traffic Engineer	Traffic Signalization Designs for the Project “Development of Short-Term Traffic Safety Improvements for the Road Axis Antirrio – Ioannina” (Client: Greek Ministry of Public Works). Design Works budget of 2.5 Million Euros and Construction Budget of 35 Million Euros.
2007	Greece	Lefkippos S.A.	Planner	Consulting services for planning of construction activities and organizing the worksite for two 4-story buildings in downtown Athens (Total Budget of 6 Million Euros).
2004 to 2005	Greece	Profillidis and Associates with METE-SYSM S.A.	Civil Engineer	Feasibility Study and Concept Design for the Railway Connection of the Industrial Area of Komotini. 40 Million Euro Projected Construction Budget for the Greek Railways Organization.
2002 to 2004	Greece	Profillidis and Associates	Civil Engineer	Development of Commercial and Pricing Policy for Intercity Trains for the Greek Railways Organization (OSE) for the Lines Athens – Patras and Athens – Thessalonica. The Project required the development of a Gravity Demand and a Fuzzy Forecasting Model as part of a separate research project.

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Date from - Date to	Location	Company	Position	Description
2003 2004 to	Greece	Profillidis and Associates	Civil Engineer	Feasibility Study for the Construction of a New Airport for Igoumenitsa for the Greek Civil Aviation Authority – Demand Forecasting, Determination of Airport Location, Concept and Preliminary Design, Cost Estimation, Revenue Forecasting and Cost – Benefit Analysis.
2002 2003 to	Greece	Profillidis and Associates for Deutsche Eisenbahn Consulting	Civil Engineer	Preparation of shop drawings for the Athens Suburban Railway Line for the Greek Railways Design and Construction Project Company (ERGOSE)

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18. **Other relevant information** (e.g. Publications):

### RESEARCH

Applications of Artificial Neural Networks in Urban Transport Demand and Modal Split Forecasting. PhD. Candidate with the Seat of Transportation Engineering of the Faculty of Engineering at Democritus University of Thrace.

Electric Vehicle Demand Forecasting with the Use of Artificial Neural Networks, with V.A. Profillidis, G. N. Botzoris, and L. Iliadis, 10<sup>th</sup> International Congress in Transport Research, Rhodes, September 1<sup>st</sup> – September 3<sup>rd</sup>, 2021, [https://www.academia.edu/50941914/Electric\\_Vehicle\\_Demand\\_Forecasting\\_with\\_the\\_Use\\_of\\_Artificial\\_Neural\\_Networks?fbclid=IwAR0mZBgTKCNPxbkZpiLELz-QogEczwLLRtG434\\_k8U3utqmuCY11Mdhyw1M](https://www.academia.edu/50941914/Electric_Vehicle_Demand_Forecasting_with_the_Use_of_Artificial_Neural_Networks?fbclid=IwAR0mZBgTKCNPxbkZpiLELz-QogEczwLLRtG434_k8U3utqmuCY11Mdhyw1M)

The Application of Artificial Neural Networks in Urban Passenger Transport Modal Split Modelling – Theoretical Overview and Literature Review, with V. A. Profillidis and G. N. Botzoris – Article currently under peer review prior to publication –Available on Demand.

Proposal for a New Institutional Framework for Railways and Incorporation of European Union Legislation in National Law. Member of the team developing legislation proposals and impact assessment of railway regulatory framework changes for the Greek Ministry of Transport.

Development of Interurban Railway Travel Demand Forecasting Models, Greece. Member of the team for a project funded by the Greek Railways Organization.