



## Petrou Achilleas

📍 6th Km Charilaou - Themi Rd., 57001, Thessaloniki, Greece

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### WORKING EXPERIENCE

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#### Research Associate

01/09/2017 – Present

#### ***Centre for Research and Technology Hellas (C.E.R.T.H)/ Hellenic Institute of Transport (H.I.T.)***

- Member of the scientific personnel in the Laboratory B1, 'Mobility and Demand Management – development of mobility systems'
- Participation in multiple co – founded by the European Union projects (Interreg – Remedio, Reform, Inter Connect)
- Utilization of traffic simulation software ( Aimsun, Visum) in order to evaluate and promote sustainable mobility policy for the city of Thessaloniki

#### External Associate – Surveying Engineer

01/12/2016 – 01/07/2017

#### ***Technical Office Daktyla Styliani, Diogenous 12, 41222, Larissa***

- Field measurements using surveying instruments (GPS Receiver, Total Station) for cadastral surveys and levelling
- Production of surveying diagrams using AutoCAD

#### Surveying Engineer

01/03/2014 – 31/05/2014

#### ***Egnatia Odos S.A., 6<sup>th</sup> km. Thes/ki-Themi, 57001, Themi, Thessaloniki***

### EDUCATION AND TRAINING

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01/10/2018 – Present

#### MSc Logistics and Supply Chain Management

#### ***Aristotle University of Thessaloniki, Faculty of Economics***

- Language of Instruction: English
- Master Thesis pending

01/10/2010 – 14/11/2016

**M. Eng. Rural and Surveying Engineer**

**Aristotle University of Thessaloniki, Faculty of Engineering**

- Diploma Degree :7.09/10.0
- Diploma Thesis: “ *Study of the relationship between main parameters of traffic flow with use of a traffic microscopic simulation model*”

**Workshops**

- ‘PTV Vision Training Course, PTV Visum 16 Public Transport’, H.I.T./CERTH, Thessaloniki, 09/10 April 2018
- ‘Training Course: Aimsun Next Combined Modelling Methodologies’, hEART 2018 7th Symposium of the European Association for Research in Transportation conference, Athens, 4 September 2018

**Conference Announcements**

- **Achilleas Petrou**, Evangelos Mintsis, George Mintsis, Socrates Basbas and Christos Taxiltaris, (2017), «*Study of the relationship between main parameters of traffic flow with use of a traffic microscopic simulation model*», 8th International Congress on Transportation Research, September 27-29, 2017 – Thessaloniki, Greece
- Katerina Chrysostomou, **Achilleas Petrou**, Georgia Aifadopoulou and Maria Morfoulaki (2018), «*Microsimulation modelling of the impacts of double-parking along an urban axis*», Conference on Sustainable Urban Mobility, 24 – 25 May 2018, Skiathos Island, Greece

**ADDITIONAL INFORMATION**

<i>Languages</i>	<b>UNDERSTANDING</b>		<b>SPEAKING</b>		<b>WRITING</b>
<i>English</i>	<i>Listening</i>	<i>Reading</i>	<i>Spoken Interaction</i>	<i>Spoken Production</i>	
	B2	B2	B2	B2	B2
	<i>First Certificate in English, Level B2 University of Cambridge</i>				

**Computer Skills**

- Very good knowledge* ❖ Microsoft Office, AutoCAD
- Good knowledge* ❖ ArcGIS, TSS Aimsun simulation software
- Basic knowledge* ❖ PTV Visum simulation software  
❖ R, Python

**Military Services**

- ❖ Fulfilled

**Driving License**

- ❖ Yes (passenger vehicle)