



Master of Engineering, Transportation Engineering

Aug 2017 - May 2019

Illinois Institute of Technology

GPA: 3.89/4

Relative Coursework: Transportation Planning and Management, ITS, Asset Management, Economic Decision Analysis, Systems Analysis, Public Transportation, GIS

Integrated Master of Science (5-year Diploma), Rural and Surveying Engineering

Oct 2011 - Jul 2016

National Technical University of Athens

Concentration in Transportation, Urban and Regional Planning and Development

Thesis: "Optimal Urban Transit Network Design Model Development Using Socioeconomic Criteria"

Relative Coursework: Transportation Engineering, Traffic Engineering, Urban Planning, Urban Geography, GIS, Economic Geography, Cartography

PROFESSIONAL EXPERIENCE

Intern, Policy and Programming

Jun 2018 - present

Chicago Metropolitan Agency for Planning (CMAP)

Providing technical and analytic assistance in performance-driven decision making projects, such as:

- FTA STOPS v.2.5 Calibration for the Chicago Region and evaluation in alternative projects
- Transit Asset Management and Safety analysis, focusing on Vehicle Useful Life.
- Eisenhower Expressway Speed and Volume Space-Time Analysis, daily and peak period performance.
- Expressway Incident Analysis and consistency check between different data sources.
- Mapping of spatial data and detailed reports generation, map updates and reviews.
- "ON TO 2050" Comprehensive Regional Plan for the Chicago region, evaluation and assistance.

Graduate Research Assistant

Aug 2017 - May 2018

Illinois Institute of Technology, Department of Civil, Architectural and Environmental Engineering

Provided assistance in a variety of research projects, including the *Chicago Streetcar Renaissance* project, focusing on the selection of the optimal Transit Signal Priority system, and Simulation analysis.

Field Data Collector, Supervisor

Oct - Dec 2013

Eratosthenes, S.A.

Transit passenger counts data collector. Promoted to team supervisor after 2 weeks.

PERSONAL PROJECTS

Transit Network Modification Proposals

since 2009

- "Bus Network Modification Proposal for the Municipality of Peristeri, GR, after the Construction of the new Metro Stations "Peristeri" and "Anthoupoli" (2009, upd. 2013)
- "Athens Public Transportation Bus Network Redesign based on the Athens Metro Master Plan (2011)
- "Bus Network Modification Proposal for the Municipality of Athens, GR, after the pedestrianization of "Panepistimiou" Street" (2013, upd. 2015)
- "Bus Network Service Level Analysis and Modification Proposal, Part A: Papagou, Cholargos, Chalandri, GR" (2018)

SKILLS AND INTERESTS

Transportation-Related Interests

Transit Service Planning and Scheduling, Transit Asset Management, Data Analysis, Optimization

GIS - Software Packages

Esri ArcGIS 10 - Pro, QGIS, AutoCAD Map 3D, OpenStreetMap, Mapbox, Carto, FTA STOPS 2.5

Programming - Database Management

Python, HTML - CSS, Linux, Git, Markdown, JSON, PostgreSQL - PostGIS, SQLite - SpatiaLite

Music

Piano (Teaching Degree), Guitar, Brass Instruments. Former member of the Rock Band "Midnight Notes"

Organizations

Institute of Transportation Engineers (ITE), Hellenic Institute of Transportation Engineers (SES), Young Professionals in Transportation (YPT), Transport Chicago, American Planning Association (APA)

Languages

Greek (native), English, German (basic)