



## 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 Distinct Passenger Groups"

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

### Public Transportation Network Analyses and Redesign Recommendations

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

### Software Skills

Esri ArcGIS 10 - Pro, QGIS, OpenStreetMap, Mapbox, Carto, GTFS, FTA STOPS 2.5, Adobe Illustrator

### 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)