

Steven Younkin

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OBJECTIVE

Currently seeking full-time employment in the field of transportation/traffic engineering.

EDUCATION

- Iowa State University** | Ames, IA **January 2016 - May 2017 | GPA 3.78**
- M.S. Civil Engineering
 - Certificate in Geographic Information Systems
- Iowa State University** | Ames, IA **August 2011 - May 2015 | GPA 3.74**
- B.S. Civil Engineering
- Boğaziçi University** | Istanbul, Turkey **February 2013 - June 2013**
- Semester Exchange Program

EMPLOYMENT

- Teaching Assistant** | Iowa State University Ames, IA **January 2016 – Present**
- Redesigning CE 453 Highway Design Class around semester project
 - Instructing students in AutoCAD Civil 3D for roadway design
- Technical Support Civil** | Foth Infrastructure and Environment Johnston, IA **May 2015 – December 2015**
- Helped create traffic impact and speed studies for municipalities
 - Developed wetland mapping automation script in Python for ArcGIS
 - Assisted inspector on 4000' DSM international airport runway reconstruction
- Undergraduate Research Assistant** | Institute for Transportation Ames, IA **June 2013 – May 2015**
- Assisted in compiling safety data on approximately 170k intersections in Iowa
 - Trained 16 new employees over a year and ensured uniformity in data collection
 - Utilized ArcGIS and Python code to perform project QA/QC
- Planning Aide III** | Iowa Dept. of Transportation Ames, IA **May 2012 – August 2012**
- Conducted and coordinated collection of speed surveys across Iowa
 - Managed traffic signal database project with GIS

ADDITIONAL EXPERIENCES

- Transportation Student Association** | Recruit. Chair (15-16), Vice-Pres. (14), Secret. (13) **August 2013 – Present**
- English Conversation Club** | Conversation Partner **August 2012 – Present**
- Civil Engineering Freshman Learning Community** | Peer Mentor **August 2012 – December 2014**

SKILLS

- ESRI ArcGIS** | Geospatial analysis and mapping
- AutoCAD Civil 3D** | 2D Drafting
- Bentley MicroStation** | 2D, 3D drafting/visualization
- Trafficware Synchro** | LOS analysis
- PTV Vissim** | LOS Analysis and visualization
- TransCAD** | Transportation planning and modeling
- Microsoft Office** | Excel, Word, and PowerPoint
- Python** | General programming
- R** | Programming and statistical analysis
- Web Development** | Basic HTML, CSS, JavaScript

Honors and Awards

- Tau Beta Pi Engineering Honors Society** | Inducted Iowa Alpha Chapter **December 2013**
- Outstanding Student Club Member** | ESC Student Council for TSA Involvement **April 2015**