

Berkcan Küçükoğlu

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I'm passionate about applying cutting edge technologies to address issues in traffic and transportation engineering. I have a Bachelor's Degree in Civil Engineering from Isik University and have been working as a Transportation Engineer for over 4 years. I am currently completing my Masters in Transportation Engineering focused on Autonomous Vehicles. My interests include: Traffic Simulation, Drones, 3D Modeling & Printing, VR/AR, and BIM Researches.

EDUCATION

Sept 2019 – Expected Aug 2022

Masters of Science, Transportation Engineering
Isik University, Istanbul

Thesis Topic: Determining The Highway Capacity and
Examining The Improvements Via Connected and
Autonomous Vehicles

Sept 2011 – June 2018

Bachelors of Science, Civil Engineering
Isik University, Istanbul

Concentration: Highway Design and Public Transportation

WORK

Mar 2020 – April 2022

Transportation Engineer, Emay International Engineering &
Consulting

General applications of BIM for civil & transportation engineering projects. Managed Infracore 3D modeling, VR implementations for metro station presentations. Technical drawings about metro projects. Drone flights for terrain modeling, work-progress tracking and graphic design. Attending international meetings and negotiations.
Notable projects: Istanbul Metro-Rail Systems Design Group, Architectural Detailing Projects, Technical Drawings, and Presentations.

Oct 2018 - Dec 2019

Transportation Engineer, Prizma Engineering

Specialized in traffic safety planning and signage for new highway design projects. Conducted and planned drainage system analysis on highways and junctions.

INTERNSHIP

Jul 2015 - Sep 2015

Intern, Boğaziçi Project Engineering

Designed traffic safety elements/signs and specialized in mall car parking lot projects.

Jun 2014 - Aug 2014	Intern , ICA-ICTAS Construction Oversaw construction work on the side spans, towers and anchors of the Yavuz Sultan Selim Bridge (3rd. Istanbul Bosphorus Bridge).
Jul 2013 - Aug 2013	Intern , Prizma Engineering Conducted static and earth works analysis. Cut-Fill calculations and construction quantity counting to regularly present findings to key stakeholders.
Jun 2012 - Aug 2012	Intern , Emay International Engineering & Consulting Specialized in CAD design, technical drawings and GIS programs.

LICENSURE

Issued Mar 2022	HAREC-Amateur Radio Certificate , CS: TA2KUC Directorate General of Coastal Safety
Issued Aug 2020	UAV-1 Commercial Pilot Certificate , ICAO-Approved Geomes Engineering

SKILLS

- AutoCAD , Civil 3D, Infracore, Fusion360
- GIS (Global Mapper & .kml-.kmz conversions)
- Micro Modeling, Vissim Simulations, Driving Behavior Calibration
- 3D Modeling, Part Design and 3D Printing
- Visualization, VR and Basic AR
- Adobe After Effects, Premiere, Photoshop, Encoder
- MS Office
- Entrepreneurship and Innovation, Basic Branding Techniques
- Public Speaking and Presentation
- Multicultural Awareness

LANGUAGES

Turkish	Native
English	Professional or bilingual proficiency

HOBBIES

3D Modeling & Printing, Outdoor Sports, Airsoft, Video and Film Editing, Repairing Mechanical & Electrical Parts, Solving Puzzles.