

SEZAI DAYI

6464215550 | sezaidayi1@gmail.com | www.linkedin.com/in/sezai-dayi

PROFILE

Adept in making key decisions, problem-solving and working with other professionals and team to achieve goals. Developed self management skills, action-orientation and team collaboration
Proven ability to establish and maintain excellent communication and relationships with colleagues and clients. Seeking a civil engineering position in an organization where can advance knowledge and experience.

EDUCATION

Undergraduate: Civil Engineering, University at Buffalo, The State University of New York, June 2023

Currently senior civil engineering student in University at Buffalo.

Coursework: Fluid Mechanics, Soil Mechanics, Structural Analysis, Structural Design, Foundation Engineering, Transportation Systems, Hydraulics and Hydrology, Reinforced Concrete Design, Steel Design.

Projects: SAP2000 frame analysis project in structural analysis course. Traffic simulation and analysis project in transportation systems course. Building design project in structural design course.

Undergraduate: Civil Engineering, Istanbul Technical University, June 2021

Enrolled in the SUNY dual degree program and graduated from ITU consists of first 2 year of the program.

Coursework: Mechanics of solids, Statics, Mathcad, Technical drawing and Autocad, Statistics.

EXPERIENCE

Internship, Site and office Internship, PANULA YAPI, Bursa: June 2022 - July 2022

- Performed as a site engineer in the construction of Aluminum plate manufacturing factory project with the volume of \$100 million.
- Managed 50+ workers and assessed all construction works of factory for a month.
- Examined site leveling, controlled 3000+ cubic meters of concrete pouring, and assembly of prefabricated elements.
- Led quantity surveying and preparing daily interim payment reports for presenting to site chef.
- Studied weekly inspection reports and created 10+ safety reports to prevent any failure or accident.

SKILLS

Software Knowledge: Microsoft Office Suite, AutoCAD, LARSA 4D, EPANET, Microsoft Excel, Autodesk Revit, Civil 3D, MATLAB.

Soft skills: Skiing, Sailing, Playing tennis(attended tournaments among high school students).

Language: Turkish, English, German

Leadership skills: Class president for 2 semesters, Tennis team leader.

PROJECT

TRANSPORTATION SYSTEMS TRAFFIC SIMULATION AND ANALYSIS TEAM PROJECT: ENGLISH

- Studied traffic data and the affection and percentage of autonomous cars at an intersection in Buffalo by using SUMO software.
- Analyzed and calculated car emission data under future traffic with python.

SAP2000 TEAM PROJECT: ENGLISH

- Created the specific 2D frame on SAP200 software and analyzed 20+ load combinations on the structure.
- Collaborated with a 3-member group focusing on frame structure analysis by following 10 steps of the project.

STEM COURSE GROUP PROPOSAL: ENGLISH

- Compiled a proposal and concept design for installing a seating area on the university campus with 4 other members of the group.