

BATUHAN UCAR

(917) 412-6038 | ucarbatuhann@outlook.com | www.linkedin.com/in/batuhan-ucar

EDUCATION

Bachelor of Science: Civil Engineering, University at Buffalo, The State University of New York, Expected May 2023

- Studying in a Dual Diploma Program integrated with Istanbul Technical University (ITU)
- Relevant Coursework: Structural Analysis and Design, Soil Mechanics, Foundation Engineering, Transportation Systems, Fluid Mechanics, Hydraulics and Hydrology, Environmental Engineering, Steel Design, Reinforced Concrete Design, Project Management, Construction Estimating
- Achievements: Developed SAP 2000, LARSA 4D and Civil 3D software skills in course

Dual Degree Program with: Civil Engineering, Istanbul Technical University, June 2021

- Admits top 1% among 3 million candidates in National University Entrance Examination
- Relevant Coursework: Statics, Mechanics of Solids, Dynamics, Statistics, Technical Drawing
- Achievements: MATLAB, Revit and AutoCAD software experiences

WORK EXPERIENCE

Internship, Ant Yapi Florida LLC, Miami/FL: June 2022 - August 2022

- Conducted site engineering for finishing construction and structural works related with concrete and steel design at the 57 story and a project cost of 200 million dollars Missoni Baia Project
- Identified and reported missing and wrong installations in fire, life safety, structural, mechanical, electrical, and plumbing applications against Miami-Dade County inspection specifications for 90 days
- Analyzed missing installations by reviewing shop drawings in Procore software and comparing on-site work, collaborating with 9 subcontractors including Everlast Drywall, Good Air, Citi Contracting, G&E, Becai Electric, Ready Windows, A&O Plumbing, Italkraft, and ATK.
- Collaborated with 5 superintendents and engineers of subcontractors to build possible solutions to wrong installations and designs ensuring compliance with Florida Design Codes by coordinating and accompanying inspectors and consulting engineers
- Directed quality control of tape and finish application of the drywalls and ceilings by leading finishing, plastering and framing crews consisted from 30 worker
- Supervised framing works to build openings to install different types of AC grilles, linear diffusers, access panels, lighting fixtures, and fire protection items
- Updated construction progress reports and schedule for TCO details on a daily, weekly, and monthly basis to track project timelines, budget, and quality control and managed site jobs with subcontractors
- Gained experience in problem solving about revise needed installations in terms of architectural, structural and trim works and contributing to creating RFI and submittals
- Gained experience in engineering and architectural installations, including installation of rebars and concrete, HVAC and electrical units, tiles, doors, and drywall, as well as managing and coordinating site work

SKILLS

- Hard Skills: Civil 3D, Revit, AutoCAD, LARSA 4D, Microsoft Office (Excel, PowerPoint, Word), SAP2000, Mathcad
- Soft Skills: Body Building, Kickboxing and Swimming
- Language Skills: English (proficient), German (good), Turkish (native)

PROJECT

Civil Capstone Project: English

- Designed a two-story office building with an open lobby/atrium, commercial retail space, and office space, meeting the project requirements for dimensions and height as 80 ft by 80 ft wide and 14 ft story height while incorporating necessary mechanical systems and amenities in Buffalo/New York
- Developed a realistic and efficient structural design for the building and its foundations, taking into account controlling standards and codes as well as site-specific conditions, gravity and lateral loads
- Conducted thorough research on relevant AISC and ACI standards, ASCE 7-16 design codes, and industry best practices to ensure the quality and safety of the final design