HUAN YING ZHANG

Queens, New York | Huanzhang00@gmail.com| linkedin.com/in/huan-ying-zhang | (C) (917) 302 - 5003

EDUCATION

The City College New York Grove School of Engineering, New York, NY Expected: DEC. 21
B.E., Civil Engineering, GPA: ----/4.00

SKILLS

Design Software: AutoCAD, MicroStation, ArcGIS, SAP2000, Revit, SolidWorks
Applications: Bluebeam, Microsoft Word, Excel, PowerPoint, Publisher, Project, Primavera

RESEARCH

TRANSPORTATION RESEARCH BOARD, New York, NY NOV. 20 – PRESENT
Undergraduate Researcher

- Analyzing the relationship between ridership fluctuation in the characteristics of neighborhoods' infection rates, income, and race to the policies implemented through spatial analysis (ArcGIS and Tableau). The study will explore data from the Citywide Mobility Survey in increments of time of day. The importance of this research will condition the volume and structure demands for future extremities.

UNIVERSITY TRANSPORTATION RESEARCH CENTER, New York, NY JAN. 18 – JUN.18
Research Assistant

- Collected data in the context of anticipated international city logistics solutions to identify potential urban policy to better accommodate delivery of goods to residential buildings of the Clear Lane and Clear Curb ruling of Mayor Bill de Blasio.

EXPERIENCE

PROENGINEERING P.C., Brooklyn, NY JAN. 20 – AUG. 20
Project Manager Intern

- Assisted a professional engineer in day to day operations; including fire alarm design and expediting work between company and the FDNY (TM1, Schedule A, and RFIs)
- Utilized MEP and Architectural drawings to draft in AutoCAD from 30% to 100% design bundles within the five boroughs of NYC

STANTEC, New York City, NY JUN. 19 – AUG. 19
Civil Engineering Intern

- Assisted engineers in the preparation of contract documents and reports for a variety of civil and structural engineering projects ranging from bridges to commuter rail and subway stations
- Responsibilities included computer aided design (MicroStation and AutoCAD) and drafted, checked drawings and calculations, quantity take-offs, simple structural calculations, and field inspection

NEW YORK STATE DEPARTMENT OF TRANSPORTATION, LIC, NY MAY 18 – AUG. 18
Traffic & Safety Engineering Intern

- Designed expressway signs through MicroStation GuildSIGN
- Analyzed quality control of Traffic Ball Banking Reports for 24 NYC highways
- Conducted in traffic counts and field inspections

ACTIVITIES

Vice President, American Society of Civil Engineers, CCNY MAY 20 – PRESENT

- Assisting the President in monitoring Chapter activities and committee accomplishments
- Providing guidance for student members through the midst of pandemic in job search and study methods

PROJECT

THE CITY COLLEGE OF NEW YORK, New York, NY OCT. 17 – DEC. 17
Team Leader - Structural & Site Plans Class

- Lead a group of nine students to design a plot of land from conception to completion for a final project, received an A on the project. Used AutoCAD to design and draft site plans, frame plans, and several of building sections

AWARDS/HONORS

- Dwight David Eisenhower Transportation Fellowship, $8,500 NOV. 20
- ASCE Construction Institute: Winning Proposal, $500 AUG. 18
- Susan L. Kupferman Memorial Undergraduate Scholarship, $2,000 JUL. 18