

Cristian Joseph Maranon

EIT-03891, New Jersey

cristian.maranon@gmail.com
(973) 873-4482

182 Charlton Avenue
Lodi, NJ 07644

Education

Rensselaer Polytechnic Institute

Master's of Engineering in Transportation Engineering Diploma Expected 5/2020
Bachelor's of Science in Civil Engineering, Summa Cum Laude GPA: 3.92
❖ Rensselaer Leadership Award, Dean's Honor List

Work Experience

Creighton Manning Engineering, LLP

Albany, NY
9/2018—12/2018
Intern
❖ Inspected plans highway, rail and pedestrian projects throughout greater Albany area to ensure compliance with NYSDOT standards
❖ Analyzed vehicular and pedestrian traffic patterns such as intersection clearance and gap utilization to mark areas for improvement
❖ Conducted field observations including intersection counts and signal inventories

Skanska USA Civil Northeast Inc.

East Elmhurst, NY
6/2017—8/2017
Intern
❖ Verified field dimensions of foundations and piles for quality control
❖ Cataloged pile driving, weekly report and submittal logs
❖ Ensured worker safety through worksite inspections

Boswell McClave Engineering

South Hackensack, NJ
9/2014—7/2016
Intern
❖ Oversaw digitization of sewer video logs for township of North Bergen, New Jersey
❖ Utilized NJDOT guide rail standards to ensure commuter safety
❖ Quantified materials and developed plans for road projects throughout Northeastern New Jersey to improve quality of life

Relevant Coursework

Civil Engineering Capstone Design

- ❖ Executed four-step method to develop Schenectady, New York land parcel for multipurpose use
- ❖ Orchestrated site traffic modelling component of site development, including updating and implementing new traffic control measures

Mass Transit Systems

- ❖ Evaluated implementation of electric busses on CDTA Bus Route 370

Highway Engineering

- ❖ Organized and managed construction team on class project detailing proposal for reconstruction and beautification of highway in Smithtown, New York

Traffic Engineering

- ❖ Coordinated traffic signal network timing design in Synchro for Logan, Utah

Extracurricular Activities

Philippine American League: Senior Advisor, Cultural Chair (former) 2015—Current
❖ Choreographed traditional Filipino dances for annual Spring show
Dance Dance Revolution: Vice President 2013—Current
Tae Kwon Do 2005—Current
❖ Taught fundamental techniques including kicking, forms, and sparring
Intramural Volleyball 2017—Current