

Ayoub Arouch

Jersey City, NJ - +1(917) 288 1027 - ayoubarouch@outlook.com

EDUCATION

Bachelor of Science, Civil, and Environmental Engineering

New Jersey Institution of Technology, Newark NJ

Spring 2020 - Current GPA 3.83

Relevant Coursework:

Structural Analysis	Transportation Engineering	Civil Engineering Design
Foundation Design	Environmental Engineering	Construction Materials and Procedures
Steel Design	Reinforced Concrete Design	Soil Mechanics

Project Highlights:

- “*Site investigation - Bergen Avenue, Jersey City Bike Lane*” Identified and assessed pavement distresses, drainage issues, and traffic signals from a quality and safety perspective.
- “*Governor Mario M. Cuomo Bridge*” Performed project overview, cost analysis, issues, and addressed challenges during construction.
- “*Experiments on Head Losses due to Friction and Devices*” correlated the internal friction within a pipe and its diameter by testing different pipes of varying internal characteristics.

Bachelor of Physical Education and Sports

The University of Hassan II, Casablanca Morocco

2013 - 2016

ENGINEERING EXPERIENCE

Mueser Rutledge Consulting Engineers, NYC

Summer 2022

- Conducted subsurface investigation, including test pits, boring inspections, rock core, and sample classification.
- Installed piezometers and conducted head permeability testing (Hydraulic conductivity).
- Supervised and Inspected support of excavation and tested tiebacks.
- Conducted Axial and Lateral Pile load tests.
- Inspected Continuous Flight Auger piles installation.
- Developed/Designed line types and hatch patterns into the BlueBeam program, in order for staff engineers to update the final touches on AutoCAD drawing with no inconvenience.
- Conducted Property Condition Analysis for Van Wyck Expr capacity and improvement to JFK Airport.

PROFESSIONAL AFFILIATIONS & TRAINING

- American Society of Civil Engineers member
- Occupational Safety and Health Administration (OSHA 10 hours) Certificate
- Personal Protective Equipment Program and Selection Training
- NYC Department of Health and Mental Hygiene Food Protection Certificate

SKILLS

- Computer: Civil 3D, Robot, Revit, RISA, HCS, VISSIM, basic C++, HML programming, and MS Office
- Critical thinker, Independent, and Proficient

HONORS, ACCOMPLISHMENTS

- New Jersey Institution of Technology Dean's list: Spring 23, Fall 22, Spring 22, Spring 21
- Turner Construction Endowed Scholarship for Construction Management
- The Edward Cruz Endowed Scholarship
- Michael J. Pappas Scholarship

OTHER EXPERIENCE

Blank Street - NYC <i>Store Manager</i>	September 2021 – May 2023
Juice Generation - NYC <i>Store Manager</i>	October 2017 - May 2021
Atlas high school - Morocco <i>Physical Education teacher</i>	September 2016 - June 2017
Amal Tiznit - Morocco <i>Volleyball Coach Assistant</i>	September 2014 - June 2017

LANGUAGES

- English
- French
- Arabic