



auryfernandez.com (Portfolio)

Aury Luis Fernandez | Cell:(646) 707-9850 | auryfernandez02@gmail.com | Bronx, NY

Education

Rensselaer Polytechnic Institute, Troy, NY

Major: Product Design/Engineering

Minor: Entrepreneurship, Graphic Design

2021-Present

Expected graduation: May 2025

- Relevant courses: Engineering processes, CAD, Science-Tech and Society Courses, Design Studio Courses, Strength of materials
- Overall GPA: **3.3**
- **National Society of Hispanic Engineers** :Regional Representative
- **2024 CAREER FAIR DIRECTOR** (raising over \$100,000)

Experiences

Gannett Fleming: Construction Management

March 2024 - Present

Intern Construction inspector

- Worked on site daily analyzing engineering drawings consistent with the workload timeline and ensuring work was done efficiently and accordingly.
- Shadowed multiple Resident Engineers on a project regarding the reconstruction and complete renovation of a water pump station in Riverdale, the Bronx.
- Helped organize documentation Such as labor hours, change orders, and time and management sheets that helped disperse budget items of hundreds of thousands of dollars.

RPI Design Studio

August 2022 - Present

Student

- Work on multiple projects that involve the Design process, construction of prototypes through steps of trial and error, the Creative process, and the use of Computer Aided design software, such as Rhinoceros 3D and Siemens NX.
- Create products to accommodate for many types of target markets given a specific problem.

Youth Advisory Panel (YAP)

June 2020 - Present

Employee

- Orchestrate research sprints which include conducting interviews of High School and College students in order to find ways to improve the K-12 education system.
- Act as a Guest Speaker at the Bill and Melinda Gates Foundation to give my input on my experiences with the K-12 education system and how it can be changed for the future students.

Office Of Environmental Engineering -NYC

June 2021 - August 2021

Intern

- Handled data input and output of over tens of Construction Projects Across New York City. This includes reviewing Remedial Action Work and Plans Remedial Action Reports on those sites. Drafted fact sheets used to notify the public over remediation Projects in their area.
- Learned about the process of remediating waste in construction sites through pre-construction m settings, Remedial Action Reviews and Daily reports directly from construction sites.
- Visited the Stockpile and learned how the stockpile promotes a healthy environment by providing clean soil to any construction site in the city for free.

NYC ACE Program.

September 2019 - May 2021

ACE Participant

- Member of the Structural team, where I assisted my team and the other engineering groups in creating the interior structure of the simulated constructed Gastronomic Center, located in Manhattan, NY.

CTE Graduate

September 2017 - March 2020

- A four year course designed to educate young students in the fields of construction, technology, and engineering.
- Completed the course in 3 years, which showed my proficiency in Introduction to Engineering, Digital Electronics, Architecture and Civil Engineering, and 3D Modeling.

Skills

Interpersonal Skills:

- Personable Social Skills
- Communication and Leadership
- Public Speaking/Conference Figure

Languages:

- English, Fluent
- Spanish, Fluent

CAD:

- Siemens NX
- Multi-view Autodesk inventor,CAD
- Rhinoceros 3D
- Adobe Creative apps