

BRYAN CULLANO

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<https://bcullano.github.io/website/>



EDUCATION

New Jersey Institute of Technology, Bachelor of Science

Sep 2017 – May 2021

- Major: Mechanical Engineering | Minor: Applied Mathematics
- GPA: 3.95

EXPERIENCE

Stealth Indoor Vertical Farming Venture

Jul 2019 – Mar 2020

Engineering Intern / Assistant Project Manager

Greater NYC Area

- Implemented and tested plumbing systems for critical research and development facility, ensured on-time delivery of an error-free, fully functional plumbing system
- Trained, supervised, and mentored five engineering interns, ensuring that all subordinates achieved required technical skills in plumbing and mechanical systems
- Designed and executed mechanical systems to free up 30% of space for other systems
- Installed and wired distribution boxes to provide power to equipment in facility and panels for I/O control and power transformation

NJIT Electrical & Computer Engineering Department

May – Jun 2019

Research Assistant

Newark, NJ

- Utilized Creo, MATLAB, and LabVIEW for autonomous vehicle research
- Collaborated in a cross-functional team of mechanical and computer engineers to simulate 360 view driving using RC cars, cameras and 3D printed parts

Dunkin'

Aug – Dec 2018

Crew Member

Bridgewater, NJ

- Communicated with customers and maintained an organized work area
- Made and delivered orders in a fast-paced environment during peak hours

SKILLS

Computer: MS Office (Advanced), Creo (Advanced), SolidWorks (Advanced), Ansys (Basic), AutoCAD (Basic), Python (Intermediate), HTML & CSS (Intermediate), MATLAB (Basic), and LabVIEW (Basic)

Language: Tagalog (Listening: Intermediate, Speaking: Basic), French (Listening, Speaking, Reading: Intermediate)

Instruments: Violin (Advanced), piano (Intermediate), guitar (Basic)

AFFILIATIONS

Albert Dorman Honors College

- Student participating in honors-level courses, colloquia, and community service

Pi Tau Sigma Honors Society

- Secretary, recognized for academic standing as an ME student at top 25% for juniors

American Society of Mechanical Engineers

- Member of professional organization involved in field standards and student events

NJIT Solar Car Team

- Member with experience performing body work on car

Society of Musical Arts

- Violinist in the string ensemble practicing for bi-yearly concerts