

Max Farrell

Recent graduate with an ability to collaborate effectively with both technical and non-technical stakeholders. My primary goal is to address complex challenges with scalable solutions that merge the worlds of engineering and business.

📍 New York, NY

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EDUCATION

Purdue University

Aug 2021 – Dec 2024

B.S. Integrated Business and Engineering
Daniels School of Business
GPA of 3.11 Overall, 3.29 Major

Stuyvesant High School

Sept 2017 – Jun 2021

NYC Specialized High School
92.85 GPA, 1530 SAT

PROJECTS

VIP: IoT & Edge Processing • HW/SW Team Lead Aug 2023 – Dec 2024

- Developed mesh network of sensor nodes, monitored for hazards
- Directed creation of data pipeline using local & cloud SQL databases
- Utilized Arduino IDE and Shapr3D modeling, Excel for cost analysis

EXPERIENCE

Breezy Point Cooperative • IT Intern

Summer 2024 & Present

- Converted physical paperwork to database entries
- Supervised data entry team of three
- Validated data using QA environment

Rockfish Custom Builders • Construction

Spring 2024

Breezy Point Cooperative • Seasonal Worker

Summers 2019 – 2023

- Residential and beach cleanup for local community
- Drove garbage trucks and operated tractor with Surf Rake
- Variety of maintenance & laborer tasks

Computer Repair • Self-Employed

June 2017 – Present

- Repair/replace home electronics and personal devices
 - Negotiate contracts with ISPs & carriers on behalf of customers
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SKILLS

Linux, LV electric, project management, Python, R, 3D modeling