

Max Farrell

Driven undergraduate student with the 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.

West Lafayette, IN & New York, NY

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EDUCATION	Purdue University 2021 – May 2025 (Expected)
	B.S. Integrated Business and Engineering Daniels School of Business GPA of 3.15 Overall, 3.30 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 – Present
	<ul style="list-style-type: none">• Developing a mesh network of sensor nodes• Monitoring for hazardous conditions• Directed creation of data pipeline using local & cloud SQL databases• Collaborating with ML team• Utilizing Arduino IDE and Shapr3D modeling, Excel for cost analysis

EXPERIENCE	Rockfish Custom Builders • Construction Summer 2024
	Breezy Point Cooperative • Seasonal Worker Summers 2019 – 2023
	<ul style="list-style-type: none">• Residential and beach cleanup for local community• Drove garbage trucks, operated tractor and Surf Rake• Variety of maintenance/laborer tasks
	Computer Repair • Self-Employed June 2017 – Present
	<ul style="list-style-type: none">• Repair/replace home electronics and personal devices plus• Negotiate contracts for on behalf of customers with ISPs/carriers

SKILLS	DIY, electronics, graphic design, project management, Python, R, repair, technical support, 3D modeling & printing
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