

Maximillian 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.

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EXPERIENCE	Breezy Point Cooperative • IT Intern	Summer & Winter 2024
	<ul style="list-style-type: none">• Converting physical paperwork to database entries using Excel + add-ins• Supervising data entry team of three• Validating data using QA environment• Troubleshooting with vendors & providing technical support• Presenting tallies and statistics to Head of Accounting for monthly close• Coordinating commercial lease administration using Yardi Voyager	
	Rockfish Custom Builders • Construction	Spring 2024
	Breezy Point Cooperative • Seasonal Worker	Summers 2019 – 2023
	Computer Repair • Self-Employed	Jun 2017 – Present
PROJECTS	<ul style="list-style-type: none">• Repair/replace home electronics and personal devices• Negotiate contracts with ISPs & carriers on behalf of customers	
	IoT & Edge Processing • HW/SW Team Lead	Aug 2023 – Dec 2024
	<ul style="list-style-type: none">• Developed mesh network of sensor nodes, monitored for hazards• Directed creation of data pipeline using local & cloud SQL databases• Coordinated development using GitHub & GH Projects (Agile)• Utilized Arduino IDE and Shapr3D modeling	
EDUCATION	Data Science for Smart Cities • Student Researcher	Jan 2022 – Apr 2022
	<ul style="list-style-type: none">• Performed vision-based damage detection for roads in West Lafayette• Learned Keras to classify level of damage	
	Purdue University	Aug 2021 – Dec 2024
	B.S. Integrated Business and Engineering	
	Stuyvesant High School	Sept 2017 – Jun 2021
SKILLS	3D modeling, Agile, C, CLI, Java, Linux, LV electric, project management, Python, R	