

# 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	<b>Breezy Point Cooperative • IT Intern</b>	Summer & Winter 2024
	<ul style="list-style-type: none"><li>• Converting physical paperwork to database entries using Excel + add-ins</li><li>• Supervising data entry team of three</li><li>• Validating data using QA environment</li><li>• Troubleshooting with vendors &amp; providing technical support</li><li>• Presenting tallies and statistics to Head of Accounting for monthly close</li><li>• Coordinating commercial lease administration using Yardi Voyager</li></ul>	
	<b>Rockfish Custom Builders • Construction</b>	Spring 2024
	<b>Breezy Point Cooperative • Seasonal Worker</b>	Summers 2019 – 2023
	<b>Computer Repair • Self-Employed</b>	Jun 2017 – Present
	<ul style="list-style-type: none"><li>• Repair/replace home electronics and personal devices</li><li>• Negotiate contracts with ISPs &amp; carriers on behalf of customers</li></ul>	
PROJECTS	<b>IoT &amp; Edge Processing • HW/SW Team Lead</b>	Aug 2023 – Dec 2024
	<ul style="list-style-type: none"><li>• Developed mesh network of sensor nodes, monitored for hazards</li><li>• Directed creation of data pipeline using local &amp; cloud SQL databases</li><li>• Coordinated development using GitHub &amp; GH Projects (Agile)</li><li>• Utilized Arduino IDE and Shapr3D modeling</li></ul>	
	<b>Data Science for Smart Cities • Student Researcher</b>	Jan 2022 – Apr 2022
	<ul style="list-style-type: none"><li>• Performed vision-based damage detection for roads in West Lafayette</li><li>• Learned Keras to classify level of damage</li></ul>	
EDUCATION	<b>Purdue University</b>	Aug 2021 – Dec 2024
	B.S. Integrated Business and Engineering	
	<b>Stuyvesant High School</b>	Sept 2017 – Jun 2021
	1530 SAT	
SKILLS	3D modeling, Agile, C, CLI, Java, Linux, LV electric, project management, Python, R	