

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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EDUCATION	Purdue University	Aug 2021 – Dec 2024
	B.S. Integrated Business and Engineering GPA of 3.11 Overall, 3.29 Major	
	Stuyvesant High School	Sept 2017 – Jun 2021
	92.85 GPA, 1530 SAT	
PROJECTS	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 hazardsDirected creation of data pipeline using local & cloud SQL databasesUtilized Arduino IDE and Shapr3D modeling	
	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 LafayetteLearned Keras to classify level of damage	
EXPERIENCE	Breezy Point Cooperative • IT Intern	Summer 2024 & Present
	<ul style="list-style-type: none">Converted physical paperwork to database entries using Excel + add-insSupervised data entry team of threeValidated data using QA environment	
	Rockfish Custom Builders • Construction	Spring 2024
	Breezy Point Cooperative • Seasonal Worker	Summers 2019 – 2023
	<ul style="list-style-type: none">Residential and beach cleanup for local communityDrove garbage trucks and operated tractor with Surf RakeVariety of maintenance & laborer tasks	
	Computer Repair • Self-Employed	June 2017 – Present
	<ul style="list-style-type: none">Repair/replace home electronics and personal devicesNegotiate contracts with ISPs & carriers on behalf of customers	

SKILLS	3D modeling, Agile, C, CLI, Java, Linux, LV electric, project management, Python, R
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