# 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.*

⊙ ATX  ☎ (737) 202-6319  ✉ maxffarrell@gmail.com  in maxff.us/linkedin

| | | |
|---|---|---|
| **EXPERIENCE** | **Eagle Eye Networks • Channel Sales Engineer** | Mar 2025 – Present |

- Creating Networks eLearning course

**Breezy Point Cooperative • IT Intern** — Summer & Winter 2024

- Converted physical paperwork to database entries using Excel + add-ins
- Supervised data entry team of three
- Validated data using QA environment
- Troubleshooted with vendors & providing technical support
- Presented tallies and statistics to Head of Accounting for monthly close
- Coordinated commercial lease administration using Yardi Voyager
- Developing SvelteKit app for future consideration

**Rockfish Custom Builders • Construction** — Spring 2024

**Breezy Point Cooperative • Seasonal Worker** — Summers 2019 – 2023

**Computer Repair • Self-Employed** — Jun 2017 – Present

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

**PROJECTS**

**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
- Coordinated development using GitHub & GH Projects (Agile)
- Utilized Arduino IDE and Shapr3D modeling

**Data Science for Smart Cities • Student Researcher** — Jan 2022 – Apr 2022

- Performed vision-based damage detection for roads in West Lafayette
- Learned Keras to classify level of damage

**EDUCATION**

**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, CRM, Java, Linux, LV electric, project management, Python, R, solution design