

# Kevin Ressler

Bedford, PA | 814 935-9593 | kevin.ressler24@gmail.com | LinkedIn | GitHub

## EDUCATION

### University of Pittsburgh

*BS: Computer Science, Data Science; Minor: Economics*

**Pittsburgh, PA**

*Expected Graduation: May 2027*

- **GPA: 3.90**
- **Courses:** Algorithms & Data Structures, Software Engineering, Database Management Systems, Computer Organization, Optimization, Linear Algebra
- **Honors:** Valedictorian, Class of 2023

## EXPERIENCE

### Rockland Manufacturing

*Information Technology Intern*

**Bedford, PA**

*June 2025 - August 2025*

- Developed an automated quoting prototype with Python, Graph API, SQLite, and OpenAI LLMs, applying natural language processing to RFQ emails to generate instant draft responses in Outlook with 60% accuracy
- Created a system to fine-tune LLMs on thousands of internal product manager Q&A emails (Ollama, PyTorch)
- Built a Python/OpenCV vision tool to log machine status from indicator lights at one-minute intervals
- Launched an e-commerce site for Rockland parts, managing product data, filters, and storefront design

### University of Pittsburgh

*Undergraduate Teaching Assistant (Data Structures & Algorithms)*

**Pittsburgh, PA**

*August 2025 - Present*

- Led weekly recitations reviewing course labs and reinforcing techniques in algorithms and data structures
- Supported students 10 hrs/week in office hours and by email, addressing questions and troubleshooting code
- Held regular team meetings with course staff to refine recitation and support methods for students

### University of Pittsburgh

*Undergraduate Research Assistant (Professor Sherif Khattab)*

**Pittsburgh, PA**

*August 2025 - Present*

- Researching financial reinforcement learning on Pitt's cloud computing cluster (A2C, DDPG, PPO, TD3)
- Utilizing the open-source FinRL framework to train and test agents via the Alpaca Paper trading API

### Teeter Insurance Agency

*Personal Insurance Intern*

**Altoona, PA**

*June 2024 - August 2024*

- Assisted the top agent at a \$30M agency by engaging clients, preparing quotes, and organizing proposals
- Boosted agent sales by 15% over the summer internship through hundreds of cold calls, emails, and texts

## PROJECTS

### Blockchain Simulator | Java

- Implemented a Java blockchain simulator with proof-of-work mining, SHA-256 hashing, and reward tracking
- Created interactive drivers to process transactions, manage wallets, and display blockchain state

## ACTIVITIES & ORGANIZATIONS

### Panther Equity – Junior Analyst (Technology Sector)

- Executed group stock pitches to a student-led investment fund with over \$300k in equities

### Computer Science Club – Member

- Gained exposure to industry tools and workflows through workshops led by major tech firms

### Pi Kappa Phi Fraternity – Member

## SKILLS

**Technical:** Java, Python, SQL, R, GitHub, Jupyter, LaTeX, Excel, Outlook, Google Cloud

**Interests:** Bitcoin, Non-fiction Books, Basketball, Investing, Weightlifting, Running