

Kevin Ressler

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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

- Developed 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: Cryptocurrency, Basketball, Investing, Weightlifting, Running

test