

Lauren Engel

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EDUCATION

Kutztown University of Pennsylvania

Kutztown, PA

Bachelor of Science in Computer Science, Summa Cum Laude

May 2025

Certificate in Scripting for Data Manipulation

GPA: 3.87

EXPERIENCE

Team Member

Aug. 2025 – Present

Joe's Kwik Marts

Pocono Summit, PA

- Delivering friendly and efficient customer service to hundreds of customers per shift while accurately balancing the cash drawer.
- Collaborating with other team members in maintaining store operations, including inventory management, food preparation, and cleaning.

PROJECTS

Data Fox | Python, Flask, Docker, Playwright, Selenium, HTML/CSS/JavaScript

Feb. 2025 – May 2025

- Developed a web app to automate open-source intelligence data gathering through web scraping, incorporating the Agile and Scrum Software Development lifecycles.
- Utilized Playwright and Selenium to scrape public information about an individual across three different websites and enabled user review and export of the data via CSV files.

Cook AI | Python, Flask, OpenAI API, Firebase, HTML/CSS/JavaScript

Feb. 2024 – Dec. 2024

- Developed a website that used OpenAI's API to generate recipes based on ingredients in a user's kitchen, incorporating the Agile and Scrum Software Development lifecycles.
- Designed a Firebase database to store the user's virtual fridge and preferences such as dietary restrictions, allergies, and serving size.
- Engineered API endpoints to handle ingredients and preferences and create a formatted recipe output.
- Created and refined AI prompts to ensure the generation of recipes based on only the ingredients in the user's virtual fridge and preferences.

Jumper | Java

Sept. 2018 – Oct. 2018

- Developed a Java platformer game similar to Doodle Jump that won the 2018 Congressional App Challenge for congressional district PA-17.
- Displayed in the U.S. Capitol Building and on the House of Representatives' website for 12 months.

TECHNICAL SKILLS

Languages: C, C++, CSS, HTML, Java, JavaScript, OCaml, Prolog, Python, SQL (SQLite)

Frameworks: AWS, Firebase, Flask, Material UI, Next.js, OpenAI API, React.js, React Native

Developer Tools: Agile, Git, GitHub, Google Analytics, Kanban, Linux/Unix, Microsoft Office Suite, Power BI, PowerShell, Scrum, Visual Studio Code, Windows

Libraries: Matplotlib, NumPy, pandas, Playwright, Selenium