

ELIJAH (ELI) PAULMAN

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EDUCATION

The Ohio State University, College of Engineering

Bachelor of Science in Computer Science and Engineering, GPA: 3.95

Columbus, OH

December 2025

- Engineering Scholars Program
- Relevant Coursework: Software I & II, Discrete Structures, Electronics for Computer Science, Engineering Calculus, Linear Algebra, Ethics in the Professions: Computing Ethics and Effective Presentation

Sinclair Community College

Liberal Arts Associate of Science, GPA: 4.0

Dayton, OH

August 2023

TECHNICAL SKILLS

- **Languages:** Java, JavaScript, HTML, CSS, SQL, XML, exposure to Python, C#, C++
- **Software:** Microsoft Office, Google Suite, MATLAB, SolidWorks, Visual Studio, Eclipse, GitHub
- Experience with electronic and computer hardware, computer and circuit assembly, 3D printing.

WORK EXPERIENCE

London Computer Systems

Software Quality Assurance Intern

Landon, OH

May 2023– August 2023

- Developed and manually executed Rent Manager 12 API test plans using JIRA with XRAY integration and Postman.
- Managed databases for viewing pre and post test data using Heidi SQL.
- Tracked tickets and activity through the development and testing process.
- Participated in daily stand up meetings, weekly team meetings, and retrospective release meetings.

Target

Guest Advocate

South Lebanon, OH

November 2021 – November 2022

- Ensured guest satisfaction and positive experiences through genuine, enthusiastic, and friendly interactions.
- Assisted customers by providing information and effectively resolving any complaints.

TECHNICAL PROJECTS

Weather Application | *JavaScript, HTML, CSS, API Integration, Web Hosting*

- Engineered a web hosted weather application using HTML, CSS, and JavaScript to craft a dynamic user web interface.
- Integrated OpenWeatherMap API for real-time weather data retrieval for current or manually entered location.

RSS News Aggregator | *Java, HTML, XML*

- Constructed a Java-based RSS news aggregator with seamless HTML and XML integration.
- Leveraged OSU's Java component library to parse RSS feeds from XML files extracting articles titles, dates, and URLs.

Personal Portfolio Website | *Java, HTML, CSS, Bootstrap*

- Crafted a captivating personal portfolio website to showcase accomplishments, experiences, and achievements.
- Implemented an intuitive and engaging design using Java, HTML, CSS, and Bootstrap.

Fire Detection Smart Plug | *C++, Arduino, Arduino IDE, CAD, 3D Printing*

- Innovated a cutting-edge smart plug that automatically shuts off upon detecting smoke, flame, or abnormal temperature.
- Implemented C++, Arduino, a custom 3D printed enclosure, and a diverse array of sensors for various applications.

ACTIVITIES & INVOLVEMENT

Engineers for a Sustainable World

Director of Community Service

Columbus, OH

January 2023 – Present

- Designing, constructing, and implementing sustainable solutions while honing technical and professional skills.
- Planning community service events and gathered members to bring funding and publicity to the OSU ESW chapter.

OHI/O

Marketing and Communications Committee

Columbus, OH

August 2023 – Present

- Collaborating with fellow members to orchestrate the planning, marketing, and communication for hackathon events, providing students with the platform to showcase, develop skills, and forge valuable industry connections.