ELIJAH (ELI) PAULMAN

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EDUCATION

The Ohio State University, College of Engineering   **Columbus, OH**
Bachelor of Science in Computer Science and Engineering, GPA: 3.95   *December 2025*

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

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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

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WORK EXPERIENCE

London Computer Systems   **Landon, OH**
Software Quality Assurance Intern   *May 2023– August 2023*

Developed and manually executed Rent Manager 12 API test plans. Managed databases using Heidi SQL. Used JIRA with XRAY integration and Confluence to track tickets and their activity through development and testing process.

Target Inc.   **South Lebanon, OH**
Guest Service Advocate   *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.

Broadway Barrel House   **Lebanon, OH**
Kitchen Lead   *June 2020 – November 2021*

Maximized team performance through comprehensive training, oversaw 7-10 employees to ensure quality and efficiency, and managed opening and closing kitchen tasks with adherence to checklists.

TECHNICAL PROJECTS

Weather App | *JavaScript, HTML, CSS, API Integration*

Developed a weather application using HTML, CSS, and JavaScript. Integrated OpenWeatherMap API for real-time weather data retrieval. Implemented dynamic user interface updates and responsive design. Proficient in API integration, data manipulation, and front-end development.

RSS News Aggregator | *Java, HTML, XML*

Built an RSS news aggregator using Java, HTML, and XML. Generated an HTML index page with links to individual RSS feeds containing article titles, dates, and links. Processed RSS feeds from an input XML file using OSU's Java component library.

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

Developed a personal portfolio website showcasing accomplishments, experiences, and projects. Implemented an intuitive and engaging design using Java, HTML, CSS, and Bootstrap.

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

Created a smart plug that automatically shuts off upon detecting smoke, flame, or abnormal temperature. Utilized C++, Arduino, and a combination of sensors for versatile applications in household appliances and electronic devices.

ACTIVITIES & INVOLVEMENT

Engineering Scholars   **Columbus, OH**
Active Member   *August 2022 – Present*

- Exposure to diverse aspects of engineering through group projects, class discussions, interactions with faculty, alumni, and career exploration

Engineers for a Sustainable World   **Columbus, OH**
Active Member   *January 2023 – Present*

- Worked with ESW members to design, build, and implement sustainable solutions while developing technical and professional skills.