ELIJAH (ELI) PAULMAN

Columbus, OH | paulman.2@osu.edu | (513)-491-6464 | epaulman.com

---

EDUCATION

The Ohio State University, College of Engineering   **Columbus, OH**
Bachelor of Science in Computer Science and Engineering, GPA: 3.95   *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   **Dayton, OH**
Liberal Arts Associate of Science, GPA: 4.0   *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, Git
- Experience with electronic and computer hardware, computer and circuit assembly, 3D printing.

WORK EXPERIENCE

London Computer Systems   **Landon, OH**
Software Quality Assurance Intern   *May 2023– August 2023*
- Developed and executed 50+ Rent Manager 12 API test plans using JIRA with XRAY integration and Postman.
- Managed individual ticket databases for viewing pre and post test data using Heidi SQL.
- Tracked assigned tickets and activity through the development and testing process.
- Participated in daily stand-up meetings, weekly team meetings, and retrospective release meetings.

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.
- Utilized C++, Arduino, a custom 3D printed enclosure, and a diverse array of sensors for various applications.

ACTIVITIES & INVOLVEMENT

Engineers for a Sustainable World   **Columbus, OH**
Director of Community Service   *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   **Columbus, OH**
Marketing and Communications Committee   *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.

Boy Scouts of America   **Lebanon, OH**
Eagle Scout   *August 2017– November 2021*
- Led troop of 40+ scouts serving as Senior Patrol Leader, Webmaster, Troop Guide, and Chaplain Aid.
- Planned events, meetings, and overnight outings and coordinated activities and guest speakers.