

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

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

TECHNICAL SKILLS

- **Languages:** Java, HTML, CSS, SQL, XML, exposure to C# & C++
- **Software:** Microsoft Office, Google Suite, Matlab, SolidWorks, VS Code, Eclipse, GitHub
- Experience with computer hardware, assembly, circuits (Arduino), and 3D printing

PROJECTS

Natural Number Calculator App | Java, Swing

Developed software enabling users to perform arithmetic operations with natural numbers using OSU's Java component library and Java Swing framework. Implemented features for addition, subtraction, multiplication, division, power, root, clear, and enter functions.

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 and experiences. Implemented an intuitive and engaging design using Java, HTML, CSS, and Bootstrap.

Fire Detection Smart Plug | C++, Arduino, Arduino IDE

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.

WORK EXPERIENCE

London Computer Systems

Software Quality Assurance Intern

London, OH

May 2023– August 2023

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

Target Inc.

Guest Service 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.

Broadway Barrel House

Kitchen Lead

Lebanon, OH

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.

ACTIVITIES & INVOLVEMENT

Engineering Scholars

Active Member

Columbus, OH

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

Active Member

Columbus, OH

January 2023 – Present

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