

# ELIJAH (ELI) PAULMAN

Columbus, OH | [paulman.2@osu.edu](mailto:paulman.2@osu.edu) | (513)-491-6464 | [epaulman.com](http://epaulman.com) | [linkedin.com/in/elijahpaulman](https://linkedin.com/in/elijahpaulman)

---

## EDUCATION

**The Ohio State University, College of Engineering – Engineering Scholars**

*Bachelor of Science in Computer Science and Engineering, GPA: 3.78*

**Sinclair Community College**

*Associate of Science*

**Columbus, OH**

*December 2025*

**Dayton, OH**

*August 2023*

---

## TECHNICAL SKILLS

- **Languages, Libraries, & Frameworks:** Java, C#, C, SQL, x86-64 Assembly, JavaScript (React), HTML, CSS
  - **Software:** Visual Studio, VS Code, Eclipse, GitHub, Git, Office, Google Suite, MATLAB, SolidWorks
  - **Relevant Coursework:** Software I & II, DS & Algorithms, Systems (C, Assembly, OS), Electronics for CS, Linear Algebra, Eng. Calculus, Foundations of Higher Math, Computing Ethics and Effective Presentation
  - **Skills:** OOP Principles, AWS Cloud, REST APIs, Unit Testing, Agile, Jira, Circuit Analysis, Customer Service
- 

## EXPERIENCE

**London Computer Systems**

**Landen, OH**

*Software Developer Intern – API*

*May 2024– August 2024*

- Developed REST APIs using C#/.NET, SQL, and Agile methodologies, enhancing Rent Manager’s functionality.
- Collaborated on the development of the new leasing center feature for Rent Manager Express
- Resolved 20+ bug tickets through systematic debugging, ensuring optimal software performance.
- Collaborated in an Agile environment, improving project delivery and efficiency gains.

*Software Quality Assurance Intern – API*

*May 2023– August 2023*

- Designed and executed 50+ Rent Manager 12 API test plans using Jira with XRAY integration and Postman.
- Constructed REST API calls to accurately test end points and analyze expected versus actual JSON data.
- Managed and manipulated Heidi SQL databases for viewing pre-test and post-test data and viewing status of processes.

**IBM**

**Virtual**

*Accelerate Program – Software Engineering*

*June 2024– July 2024*

- Completed weekly labs covering data structures, algorithms, front-end, back-end development, and application security.
  - Enhanced skills in JavaScript, React, Node.js, and cloud-native development through hands-on projects and mentorship with IBM Software Developers.
  - Utilized GitHub and HackerRank for assessments and version control, showcasing proficiency in development tools.
  - Engaged in networking and mentorship activities, building a strong professional network and gaining industry insights.
- 

## TECHNICAL PROJECTS

**Tech Literacy Learning Platform** | *React.js, Tailwind CSS, Firebase* | *Hackathon Winners*

- Collaborated in a team to develop a web-based solution aimed at enhancing tech education in the local community.
- Implemented key features including user accounts, profile pages, skills assessments, learning paths, additional courses, community event calendar, admin panel for student activity monitoring, and compatibility with mobile devices.

**Brutus the Plumber (Mario Simulation)** | *C, Custom Library*

- Developed a Super Mario simulation using structs, pointers, bitwise operations, bit shifting, and function pointers, featuring multiple mascots, obstacle detection, physics-based movement, and coin collection.
  - Created a custom terse linked list library for managing game entities and providing graphic, text, and debug outputs, including an FPS counter, simulation timing, and mascot actions.
- 

## ACTIVITIES & INVOLVEMENT

**Engineers for a Sustainable World**

**Columbus, OH**

*President – Former Director of Community Service*

*January 2023 – Present*

- Leading sustainable projects and initiatives, promoting interdisciplinary collaboration and community engagement.
- Directing a team of dedicated engineers in implementing sustainable projects aimed at reducing environmental impact.

**OHI/O (Ohio State’s Hackathon Program)**

**Columbus, OH**

*Marketing and Communications Committee*

*August 2023 – Present*

- Orchestrated hackathon planning, marketing, and networking for student innovation and industry engagement.

**Boy Scouts of America**

**Lebanon, OH**

*Eagle Scout*

*August 2017– November 2021*

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

- Created a weather app with HTML, CSS, and JavaScript, using the OpenWeatherMap API for real-time weather data.

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

- Crafted a responsive personal portfolio website using Java, HTML, CSS, and Bootstrap, hosted on GitHub Pages to showcase accomplishments, experiences, and achievements.