

# ELIJAH (ELI) PAULMAN

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## EDUCATION

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

*Bachelor of Science in Computer Science and Engineering, GPA: 3.83*

**Sinclair Community College**

*Liberal Arts Associate of Science, GPA: 4.0*

**Columbus, OH**

*December 2025*

**Dayton, OH**

*August 2023*

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## TECHNICAL SKILLS

- **Languages, Libraries, & Frameworks:** Java (OOP), C, x86-64 Assembly, JavaScript, HTML, CSS, SQL
- **Software:** Visual Studio, VS Code, Eclipse, GitHub, Git, Office, Google Suite, MATLAB, SolidWorks
- **Relevant Coursework:** Software I & II, DS & Algorithms, Systems (C & Assembly), Electronics for CS, Linear Algebra, Eng. Calculus, Foundations of Higher Math, Ethics in the Professions: Computing Ethics and Effective Presentation
- **Additional Experience:** AWS Cloud Essentials, REST API, JUnit testing, Agile, Jira, customer service, circuitry

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## WORK EXPERIENCE

**London Computer Systems**

*Software Quality Assurance Intern*

**Landen, OH**

*May 2023– August 2023*

- Developed and executed 50+ Rent Manager 12 API test plans using JIRA with XRAY integration and Postman software.
- Constructed REST API test calls to accurately test end points and analyze expected versus actual JSON data.
- Managed and manipulated Heidi SQL databases for viewing pre and post test data and viewing status of processes.
- Utilized Agile methodologies and JIRA to track tickets and sprints through the development and testing process.

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## TECHNICAL PROJECTS AND EXPERIENCES

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

- Collaborated in a team to win J.P Morgan Chase Code for Good hackathon, making a significant impact on tech education in the local community through Pyramid CDC non-profit organization.
- Implemented key features including user accounts, profile pages, skills assessments, learning paths, additional courses, a community event calendar, and an admin panel for student activity monitoring.
- Created a responsive web app using React and Tailwind CSS, ensuring accessibility on all devices including smartphones.

**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.

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

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

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## ACTIVITIES & INVOLVEMENT

**Engineers for a Sustainable World**

*President*

**Columbus, OH**

*January 2023 – Present*

- Spearheading sustainable projects and initiatives, fostering interdisciplinary collaboration and community engagement.
- Leading a team of dedicated engineers in implementing sustainable projects aimed at reducing environmental impact
- Created and implemented a new website to attract new members and provide vital club information.

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

*Marketing and Communications Committee*

**Columbus, OH**

*August 2023 – Present*

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

**Boy Scouts of America**

*Eagle Scout*

**Lebanon, OH**

*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.