

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

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
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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 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.
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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.

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