ELIJAH (ELI) PAULMAN

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EDUCATION

The Ohio State University, College of Engineering – Engineering Scholars   **Columbus, OH**
Bachelor of Science in Computer Science and Engineering, GPA: 3.78   *December 2025*

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 CSE, Linear Algebra, Eng. Probability & Statistics, Eng. Calculus, Foundations of Higher Math, Computing Ethics
- **Skills:** REST APIs, Agile Development, AWS Cloud, Unit Testing, Jira, Circuit Analysis, Customer Service

EXPERIENCE

IBM   **Virtual**
Accelerate Program – Software Engineering   *June 2024– August 2024*

- Completed 7 weekly labs on 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 and industry leaders.
- Utilized GitHub and Hacker Rank 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.

London Computer Systems   **Landen, OH**
Software Developer Intern – API   *May 2024– August 2024*

- Developed REST APIs using C#/.NET, and SQL to enhance Rent Manager's internal and integration functionality.
- Resolved 20+ bug tickets through systematic debugging, ensuring optimal software performance.
- Completed 7 API tickets for a new leasing center feature in RM Express, enhancing user experience and functionality.
- Maintained business layer and data layer logic for CRUD operations, ensuring robust data management capabilities.
- Collaborated in an Agile environment engaging in sprint planning meetings, retrospectives, and feature meetings.

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 software.
- Constructed REST API calls to accurately test API endpoints 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.

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 20+ 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*

- Orchestrating hackathon planning, marketing, and networking for over 1,600 students to foster innovation and industry engagement.

Boy Scouts of America   **Lebanon, OH**
Eagle Scout   *August 2017– November 2021*