

ELIJAH (ELI) PAULMAN

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

Columbus, OH

December 2025

TECHNICAL SKILLS

- **Languages, Libraries, & Frameworks:** Java, C#, Python, C, SQL, x86-64 Assembly, JavaScript, HTML, CSS
 - **Software:** Visual Studio, VS Code, Eclipse, GitHub, Git, Microsoft Office, Google Suite, MATLAB, SolidWorks
 - **Skills:** REST APIs, Agile Development, AWS Cloud, Unit Testing, Jira, Circuit Analysis, Customer Service
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EXPERIENCE

IBM

Accelerate Program – Software Engineering

Virtual

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

Software Developer Intern – API

Landen, OH

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 discussions.

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.
 - Collaborated closely with software developers to quickly resolve issues from failed tests or unexpected test behavior.
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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 with cloud integration aimed at enhancing tech education.
- 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.

Quantum Path X | *Python, Quantum Annealing, D-Wave API* | *Quantum Optimization Startup*

- Optimizing drone flight paths with Psyche Aerospace using D-Wave quantum systems and Python-based algorithms.
 - Enhancing drone efficiency and reducing operational costs by leveraging quantum computing to approximate solutions for NP-hard routing and optimization challenges.
 - Developing strategic partnerships and collaborations with industry leaders to expand market reach
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ACTIVITIES & INVOLVEMENT

Engineers for a Sustainable World

President – Former Director of Community Service

Columbus, OH

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)

Marketing and Communications Committee

Columbus, OH

August 2023 – Present

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

Boy Scouts of America

Eagle Scout

Lebanon, OH

August 2017– November 2021