

# ELIJAH (ELI) PAULMAN

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## EDUCATION

**The Ohio State University - College of Engineering**

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

**Columbus, OH**

*December 2025*

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## TECHNICAL SKILLS

- **Languages & Frameworks:** Java, C#, Python, TypeScript, JavaScript, C, SQL, HTML, CSS, x86 Assembly
  - **Tools & Platforms:** AWS (Lambda, AppSync, S3), Git, MySQL, MongoDB, Visual Studio, VS Code, MATLAB
  - **Core Skills:** REST and GraphQL APIs, Machine Learning, Computer Vision, Statistics, Agile Development
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## EXPERIENCE

### Amazon

**Denver, CO**

*Software Development Engineering Intern – Devices*

*May 2025– August 2025*

- Built a scalable, full-stack product catalog system managing 15,000+ trade-in items with historical pricing, product lines, merchant data, eligibility rules, and server-side filtering/search.
- Automated catalog generation and ETL workflows using Vue.js, AWS AppSync (GraphQL), and AWS Lambda, increasing operational efficiency and reducing manual price and item feed input by ~60%.
- Took ownership of a production system, independently driving the full development cycle: gathered requirements, led design and feedback reviews, researched implementation tradeoffs, and delivered a robust and maintainable solution.
- Collaborated with cross-functional stakeholders to align on goals, ensuring successful deployment and adoption by internal teams.

### IBM

**Virtual**

*Accelerate Fellowship Program – Software Engineering*

*June 2024– August 2024*

- Developed full-stack web apps using JavaScript, React, and Node.js, applying cloud-native best practices and principles.
- Completed hands-on projects covering data structures, algorithms, and application security, strengthening problem-solving and coding proficiency.
- Collaborated with IBM engineers on code reviews and mentorship, gaining hands-on industry experience.

### 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, improving stability and reducing customer reported issues.
- Reengineered online booking queries to improve performance and lower memory use, reducing query time by 40%.
- Delivered 7 API tickets for a new leasing center feature, streamlining prospect management and manager workflows.
- Maintained business layer and data layer logic for CRUD operations, ensuring robust data management capabilities.

*Software Quality Assurance Intern – API*

*May 2023– August 2023*

- Designed and executed 50+ Rent Manager API test plans using Jira with Xray integration and Postman software.
  - Developed precise REST API calls to validate endpoints, ensuring 100% accuracy in expected vs. actual JSON data.
  - Utilized MySQL to query and manipulate databases for pre/post-test data validation, improving defect detection.
  - Partnered with developers to resolve 15+ critical defects, reducing overall average bug resolution time.
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## PROJECTS

- **Alumni Network Platform** | *MERN Stack, Tailwind CSS* – Built a hackathon winning networking platform for Lower Manhattan Cultural Council with user profiles, event scheduling, opportunity listings, and dynamic feeds.
  - **Attendance Processor** | *Python, Flask, Pandas* – Automated CSV attendance reporting for Greater Ohio Virtual School, saving ~15 hours/week for 10 staff and enabling trend analysis of student attendance.
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## ACTIVITIES & INVOLVEMENT

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

**Columbus, OH**

*Marketing and Communications Committee*

*August 2023 – Present*

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

### Engineers for a Sustainable World

**Columbus, OH**

*President – Former Director of Community Service*

*January 2023 – May 2025*

- Led sustainable projects and initiatives, driving cross-disciplinary collaboration and community engagement.
- Directed 20+ engineers in implementing sustainable projects aimed at reducing environmental impact.