

Emily Eby

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Professional Experience

- Software Developer, SAP** Jun 2025 – present | Palo Alto, CA
- Facilitated the transition to **UI5** framework for **SAP Business Networks** for the millions of transactions occurring on the platform improving performance and scalability
 - Led features for **backend** development using **Java Spring Boot** to increase parity across releases
 - Collaborated in cross-functional teams to ensure **efficiency, consistency**, and **user experience**
 - Ensured high quality products with testing on the unit, component, and performance levels
- Android Developer, SAP** Jan 2025 – May 2025 | Palo Alto, CA
- Developed for the **SAP Sales Cloud** application impacting thousands of enterprise users
 - Implemented features and bug fixes using **Kotlin** and **Jetpack Compose** allowing for parity among web and mobile solutions
 - Worked with UX Teams to ensure the application matched user requirements and **Figma** prototypes
 - Engineered **offline** capabilities with **Room database** for low connectivity, based on customer feedback
- Machine Vision Intern, Wabtec** May 2024 – Jul 2024 | Norcross, GA
- Automated end-to-end quality testing of machine vision system, with a **75%** reduction in human hours
 - Utilized **python** to manage file systems, launch applications, and monitor outputs for automatic testing
 - **Collaborated** with a cross-functional team to reduce technical debt and improve readability
- Cybersecurity Analyst, Georgia Institute of Technology** Jun 2023 – Aug 2023 | Atlanta, GA
- Triaged security incidents using **endpoint detection** to improve security posture and evaluate attack surfaces
 - Conducted **threat hunting** in the Georgia Tech cyber ecosystem and addressed prominent issues with IT teams
- Applications Engineering Intern, ABB** May 2021 – Aug 2021 | Auburn Hills, MI
- Created **collaborative robot** demo of the newly released GOFA robot for presentation at ATX West
 - Developed a web app in **HTML/Javascript** that allowed users to imagine demonstrate potential user interactions

Education

- Master's of Science in Computer Science,** Aug 2023 – Dec 2024 | Atlanta, GA
Georgia Institute of Technology
• GPA: 4.0/4.0, Specialization in Human Computer Interaction
- Bachelor's of Science in Computer Science,** Aug 2019 – May 2023 | Atlanta, GA
Georgia Institute of Technology
• GPA: 3.75/4.0, Specialization in People and Devices
- UX Academy Foundations, DesignLab** Jun 2025 – Aug 2025
• Enforced Visual UI Fundamentals keeping in mind user requirements.

Skills

- Programming Languages**
Java, Python, MATLAB, Dart, Kotlin, Javascript, SQL
- Communication**
Cross-functional problem-solving, technical writing, adaptability, goal setting, data-based decision making, Microsoft Suite, presentation and storytelling
- Software**
GitHub, Jira, Figma, Adobe Creative Suite, Solidworks, Tableau
- Design Concepts**
Market and user research, interaction design, prototyping/wireframing, persona development, Agile

Volunteering

- Mentor Tutor Connection, Mentor** Oct 2025 – Present
- Mentored a high school student, providing support to help them achieve key goals such as college attendance.