Amy Mathews

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Education:

University Of California Berkeley   December 2023
BS Electrical Engineering and Computer Sciences
Coursework: Data Structures, Machine Structures, Data Structures, Computer Security, Artificial Intelligence, User Interface Design and Development, Product Management, Ethics in Engineering, Technology in Entrepreneurship

Relevant Experience:

Developer/Designer Tech of One's Own Labs (TO3) UC Berkeley   June 22 – Present
- Researched HCI with a focus on online harm and restorative justice.
- Developed an experimental system using Miro, Qualtrics, HTML/CSS, JavaScript, PHP, and MySQL.
- Analyzed data from 80+ participants; interviewed 30 for the study.
- Co-authored a Sig CHI paper under review on the study's findings.

Software Product Management Intern @Schneider Electric   July 23 – Present
- Managed 15+ Jira releases and maintained Confluence documentation with agile scrum practices.
- Contributed to 5+ app features, collaborating with cross-functional teams and designing Figma wireframes.
- Conducted market research, deriving actionable insights influencing business strategies.
- Introduced Trello, resulting in a 20% productivity increase.

SmartReflection Product Manager UC Berkeley   Jan 23 – May 23
- Led the SmartReflection project, achieving a 95% user satisfaction rate.
- Conducted market research and user testing to inform product development.
- Developed go-to-market strategies with a projected 10% market penetration in the first year.
- Successfully pitched to venture capitalists, receiving positive feedback.

University Leadership:

IEEE Industrial Relations Director   Jan 22 – Present
- Partnered with giants like Apple, Visa, Accenture, and SpaceX facilitating 10+ events and enhancing Berkeley's community engagement by 30%.
- Orchestrated a Startup Fair with 25+ companies, engaging 200+ students.

Girls Who Code President   Sept 20– April 21
- Led a team of 20+ aspiring women engineers, achieving a 40% increase in club membership.
- Created a website with worksheets and step-by-step videos to help students gain a better understanding of coding concepts. Taught in Java and C++.

Developer Student Club Google Technical Lead   Oct 19 – May 20
- Achieved certifications in Google Cloud programming, Flutter development, and Gsuite applications.
- Mentored students to achieve Google certifications, complemented by engaging study jam sessions.

Achievements:

- Secured top honors for best poster in Computer and Information Sciences among 870 presenters.
- Recognized for groundbreaking research findings at the prestigious SACNAS conference.

Skills:

Software: Adobe Illustrator, Figma, Qualtrics, Miro, Maxqda, Gsuite, Canva, Jira, Confluence
Languages: Java, C++, Python, JavaScript (React.js), HTML/CSS, SQL (MySQL), Latex