

Alyanna McGrath

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EDUCATION

Occidental College

Bachelor of Arts in Computer Science, G.P.A: 4.0

Los Angeles, CA

Expected May 2025

Awards: Dean's List (2021, 2022, 2023), Presidential Scholarship, COSMO/National Science Foundation Scholar (2022,2023,2024)

Relevant Coursework: Data Mining, Operating Systems, Mathematical Foundations of Computer Science, Data Structures, Computer Organization, Advanced Programming, Fundamentals of Computer Science

TECHNICAL SKILLS

Programming Languages: Excellent – Java ; Proficient - Python, HTML, CSS, R, JavaScript ; Familiar – C, MIPS, React, C#

Software Tools: Git, Android Studio, VS Code, XCode, Aha!, Figma, AzureDevops, GitHub, RStudio, Slack

INTERNSHIP EXPERIENCE

Google

San Francisco, California

Associate Product Manager (APM) Intern

May 2024 – Aug 2024

- Selected as 1 of 35 interns out of 9K applicants globally for a highly competitive 12-week internship
- Collaborated XFN with Eng, UX, GTM, and PR to author a comprehensive PRD for the reimagined Google Pixel Watch Retail Demo Mode (RDM) for marketing efforts at our biggest events such as MBG, I/O, and Summer Holiday Retail Events
- Conducted stakeholder analysis to identify key pain points (lack of flexibility, rigidity of architecture and feature alignment) impacting 100% of internal users
- Designed a comprehensive CUJ workflow in Figma of workflows detailing retail demo experience for the internal user such as (Product Marketing, Product Manager, and PR)
- Defined the framework for a competitive analysis with UXR and PMs on a leading competitor in wearable market for innovation in the Google Pixel Watch product line

Microsoft

Redmond, Washington

Software Engineer Intern

May 2023 – Aug 2023

- Engaged in front-end development within Microsoft's Cloud + AI division, specifically in the Azure Core product team, using React.js (TypeScript) to enhance features and rectify bugs for improved user experience
- Assisted in integrating backend databases, conducting workload certification, and performing experiment testing using C#, amplifying my understanding of full-stack development
- Employed JSON library implementations in creating design document for new workflow processes, contributing to SLDC

Trimble Viewpoint

Portland, Oregon

Product Management Intern

May 2022 – Aug 2022

- Assisted the Senior Product Manager in the systems development life cycle (SDLC) of Viewpoint Construction Software which has captured 100,000+ users since launch
- Implemented dynamic tests alongside QA engineers, ran risk assessments, and identified and fixed bugs before product launch
- Created a survey logic flow that aided PM's, software developers and UI/UX specialists in the development of new features and user stories to optimize workflow and enhance customer experience
- Launched virtual Q&A workshops to discuss issues and challenges customers may face when using the products

TECHNICAL PROJECTS

European History Web Application (HTML5, CSS, JavaScript, Node.js)

- Developed a responsive and [interactive web application](#) focused on European history, utilizing technologies such as HTML, CSS, JavaScript, and Node.js; designed the user interface to enhance user experience across multiple devices

Full project list here: <https://alyannamcg.com/#projects>

PROFESSIONAL DEVELOPMENT

Google

Remote

Google Associate Product Management Summiteer

Aug 2023 – Aug 2023

- Virtually attended the comprehensive APM Summit presented by Google's APM Recruiting Team, brainstorming and presenting innovative ideas related to product management. Received direct coaching from Google APMs on effective strategies and learned best practices for product management discussions

Management Leadership for Tomorrow (MLT)

Washington, DC

Career Preparation Fellow - SWE Track

Dec 2022 – Present

- Accepted into a selective 18-month professional development program for high-achieving diverse talent; attending conferences hosted by industry leaders, such as Deloitte, LinkedIn, and Target

Capital One

Remote

Software Engineering Summiteer

Aug 2022 – Aug 2022

- Engaged in intensive SWE workshops led by Capital One Engineers about Mobile App Development (Android & iOS), Augmented Reality, APIs, Hardware, AWS, iOS, Android, Bots, and Web Development in React and participated in a 24-hour hackathon

LEADERSHIP & ORGANIZATIONS

Founder & President – Oxy Women in STEM (WiSTEM)

Jan 2024 - Present

Teaching Assistant (TA) – Computer Science & CORE Department

Aug 2023 – Dec 2023

President – Oxy Open Source (Computer Science Club)

May 2022 – Present

Organizing Committee (OCOM) - Black Student Alliance (BSA)

Aug 2021 – Present

Member of **National Society of Black Engineers**, **Society of Women Engineering**; Scholar at **Reboot Representation**, and **Rewriting the Code (RTC)**