Alyanna McGrath

✉ mcgratha@oxy.edu | 🏠 Coral Springs, FL | ☎ (954) 881-6366

in https://www.linkedin.com/in/alyanna-mcgrath/ | ◯ https://github.com/mcgrath-a | ▣ http://alyannamcg.com/

EDUCATION

Occidental College   Los Angeles, CA
Bachelor of Arts in Computer Science, G.P.A: 4.0   Expected May 2025
<u>Awards</u>: Dean's List (2021, 2022, 2023), Presidential Scholarship, COSMO/National Science Foundation Scholar (2022,2023)
<u>Relevant Coursework</u>: 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

Microsoft   Redmond, Washington
Software Engineer Intern   May 2023 – Aug 2023
- Engage 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
- Assist in integrating backend databases, conducting workload certification, and performing experiment testing using C#, amplifying my understanding of full-stack development
- Employ JSON library implementations in creating design document for new workflow processes, contributing to product development and optimization

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.
- Create 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://alymcgrath.com/#projects

PROFESSIONAL DEVELOPMENT

Google   Remote
Google Associate Product Management Summiteer   Aug 2023 – Aug 2023
- **Specially invited** based on qualifications and demonstrated interest, marking a distinction among aspirants.
- 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

Teaching Assistant (TA) – Computer Science & CORE Department   Aug 2023 – Present
- Collaborated with Professors to plan and execute events, utilizing strong teamwork, communication, and organizational skills
- Provided one-on-one consultation and academic assistance to students, contributing to improved class performance and individual growth.

Founder & President – Oxy Women in STEM **(WiSTEM)**   Jan 2024 - Present
President – Oxy Open Source (Computer Science Club)   May 2022 – Present
- Developed successful community initiatives, utilizing strong organizational and communication skills to plan 7 execute various projects

Organizing Committee (OCOM) - Black Student Alliance (BSA)   Aug 2021 – Present
- Collaborated with other committee to plan and execute events, utilizing strong teamwork, communication, and organizational skills

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