Alyanna McGrath

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EDUCATION

Occidental College　　　　　　　　　　　　　　　　　　　　　　　　　Los Angeles, CA
Bachelor of Arts in Computer Science, G.P.A: 4.0　　　　　　　　　　　　　　Expected May 2025
Awards: Dean's List (2021, 2022), Presidential Scholarship, COSMO/ NSF Scholar (2022)
Relevant Coursework: Mathematical Foundations of Computer Science, Data Structures, Computer Organization, Advanced Programming, Fundamentals of Computer Science, Computing in Real Life (IRL)

TECHNICAL SKILLS

Programming Languages: Excellent – Java ; Proficient - Python, HTML, CSS, R, JavaScript ; Familiar – C, MIPS
Software Tools: Git, Android Studio, VS Code, XCode, Aha!, Figma, AzureDevops, GitHub, RStudio, Slack

INTERNSHIP EXPERIENCE

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

Occidental College　　　　　　　　　　　　　　　　　　　　　　　Los Ángeles, California
Computer Science Project Intern　　　　　　　　　　　　　　　　　　　　Aug 2021 - Dec 2021
- Compiled and distributed questionnaires to Occidental College first-generation employees and teaching staff about their college experiences, from these interviews I developed 12 unique profiles of the experiences and submitted them to the Director of the First-Generation Coalition for upload to the college's directory
- Supervised and collaborated with junior co-interns when needed that aided the completion of the internship program

TECHNICAL PROJECTS

American Sign Language (ASL) Flashcard App (Java, Dart, HTML, SQLite)
- Created a [Flutter app](#) developed in Android Studio and other dependencies. Utilized various programming languages such as Dart and Java, and integrated XCode for iOS platform compatibility

PROFESSIONAL DEVELOPMENT & LEADERSHIP

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
- Attend conferences hosted by industry leaders, such as Deloitte, LinkedIn, and Target

Capital One　　　　　　　　　　　　　　　　　　　　　　　　　　　Remote
Software Engineering Summiteer　　　　　　　　　　　　　　　　　　　Aug 2022 – Aug 2022
- Chosen after several rounds of technical assessments as one of the 61 students to attend a weeklong summit led by Capital One
- 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
- Participated in a 24-hour hackathon where I acted as the project lead directing 5 other hackathon team
- Created a new website application using HTML, CSS, JavaScript, and API integration with the mission statement to teach financial literacy to young children through a currency game; pitched this technical solution to high-level Capital One executives

Captain - Occidental College Women's Basketball Team　　　　　　　　　　　Sep 2022 – Present
- Led and motivated team as captain, demonstrating strong leadership, communication, strategic thinking, and accountability skills.

Co-Head of Community Engagement– Oxy Open Source (Computer Science Club)　　May 2022 – Present
- Developed successful community engagement initiatives, utilizing strong organizational and communication skills to plan and 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.

ORGANIZATIONS

Member of **Blacks in Technology** (BiT) and **National Society of Black Engineers** (NSBE)