Alyanna McGrath

✉ mcgratha@oxy.edu   🏠 Coral Springs, FL   📞 (954)881-6366   in LinkedIn   GitHub   🖥 Website

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: Java (Excellent), Python (Proficient), HTML (Proficient), CSS(Proficient), R(Proficient), C (Familiar), MIPS (Familiar)
Software Tools: Git, Android Studio, VS Code, XCode, Google Suites, Microsoft Office, Aha!, Figma, AzureDevops, GitHub, RStudio, Slack

INTERNSHIP EXPERIENCE:

Trimble Viewpoint, Portland, Oregon – *Product Management Intern*   **May 2022 - Present**
- 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 Angeles, 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 & EXTERNSHIPS:

Capital One, Remote – *Software Engineering Summiteer*   **Aug 2022**
- Chosen after several rounds of technical assessments as one of the 61 students to attend a 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 members and helped with software development
- 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

FM Global, Remote – *Engineering Intern*   **Jun 2020 - Jul 2020**
- Participated in a series of virtual workshops and a STEM-targeted workshop that focused on various fields including Cyber Security & IT, Computer, Mechanical, Electrical and Chemical Engineering. Engaged with 30 other students to learn different aspects of running an organization like FM Global, including the requirements for a safe building, Scientific Loss Prevention, and the importance of a cyber security tea

LEADERSHIP:

- **Captain** – Occidental College Women's Basketball Team
- **Organizing Committee (OCOM)** – Black Student Alliance
- **Co-Head of Community Engagement (Executive Board)** – Oxy Open Source (Computer Science Club)

POFESSIONAL AFFILIATIONS & ORGANIZATIONS:

- **Member,** Blacks in Technology (BiT)
- **Member,** National Society of Black Engineers (NSBE)
- **Career Prep Fellow,** Management Leaders of Tomorrow (MLT)