

# Alyanna McGrath

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## EDUCATION:

**Occidental College**, Los Angeles, California – *Bachelor of Arts in Computer Science*

**Aug 2021 – Present**

- Awarded the Dean's List for two semesters in 2021/2022 (Spring & Fall)
- Granted the Presidential Scholarship throughout my four years in college
- Current GPA: **4.0**

May 2025 (Expected)

## 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 product managers in the development of new features and user stories
- Interface with software developers and UI/UX specialists 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**

- Enrolled in the Oxy Immersive Semester Program where students gain real-world experience along with intensive coursework activities
- Compiled and distributed questionnaires to Occidental College employees and teaching staff about their college experiences, specifically those who were first-generation college students
- 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

## PROFESSIONAL TRAINING & PROJECTS:

**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. Learned advanced problem-solving skills through instructor-led software engineering content to develop a robust skill set
- Engaged in intensive workshops run by Capital One Engineers about Mobile App Development (Android & iOS), Augmented Reality, APIs, Hardware, AWS, iOS, Android, Bots, and Web Development in React..
- Curated and directed a plan within strict time constraints (less than 24 hours) for 5 other hackathon team members to follow, exemplifying problem-solving skills; collaborated efficiently using Git tools and pushing new code to main branch
- 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 STEM-targeted workshop that focused on Cyber Security & IT, Computer, Mechanical, Electrical and Chemical Engineering
- Engaged in virtual workshops with 30 other students that taught different aspects of running an organization like FM Global from the requirements for a safe building, and Scientific Loss Prevention, to the importance of a cyber security team

## SKILLS:

**Programming Languages:** Java, Python, HTML, CSS, R

**Software Tools:** Git, Android Studio, Google Suites, Microsoft Office, Aha!, Figma, AzureDevops, GitHub, RStudio, Slack

## CAMPUS ACTIVITIES:

- **Co-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)
- **Club Member** – Actives Mind Club

## HONORS & AWARDS:

**COSMO Scholar** – Occidental College

**May 2022**

- Titled "Creating Opportunities for High-Achieving Students in Science and Mathematics through Scholarships, Research Experiences, Leadership, and Community" (COSMOS)
- Received a fully funded grant by the National Science Foundation for the next three years of my undergraduate studies to participate in undergraduate research, internship experiences and disciplinary conferences in STEM-related fields