Maya Dahlke

San Diego, CA • mdahlke123@gmail.com • (858) 705-7691
Portfolio: http://www.maya-dahlke.com • GitHub: https://github.com/mayadahlke
LinkedIn: https://www.linkedin.com/in/mayadahlke

PROFILE

I am a self-driven software engineer passionate about developing applications. It combines my deep interests in logical problem-solving and aesthetic user interfaces and experiences. I enjoy exploring different technologies to see how they support interface design, ease of development, and clean, efficient code. I taught myself Swift to write personal IOS apps and React and Angular to write apps professionally. By working with backend technologies, such as Django and SQL, I have developed my skills to support end-to-end solutions. My love for decorative baking and art fuels my creativity, and I view coding as artistic expression. They all require attention to detail, which is in my DNA.

EDUCATION

Loyola Marymount University   **Los Angeles, CA**
Bachelor of Science, Computer Science; Minor: Applied Mathematics   *May 2021*

INDUSTRY EXPERIENCE

Rosalind   **San Diego, CA**
Front-End Software Engineer   *August 2021 – June 2022*
Full-Stack Software Engineer   *June 2022 – Present*
- Engineer the Rosalind application by implementing 20+ features with Angular, React, and Python
- Spearhead the development of the Rosalind Diagnostic Monitoring (DxM) web application from inception to launch, utilizing HTMX, Jinja, D3.js, Django, and FastAPI
- Design and implement REST APIs for the front-end client application to efficiently access data from PostgreSQL and MySQL
- Increased test coverage and improved code quality and reliability by implementing comprehensive integration, API, and unit tests using Playwright, Vitest, and Pytest
- Collaborated closely with Design and Product teams to deliver 2 new web applications, resulting in a improvement in user engagement

National CleanUp Day   **San Diego, CA**
Website Developer Intern   *May 2020 – August 2020*
- Managed and renovated website design for National CleanUp Day, Clean Trails, and World CleanUp Day to enhance usability
- Coordinated with an editor weekly to create CleanUp News website design and usability flow improvements
- Developed skills in website design, usability enhancements, and collaboration with team members

Dexcom   **San Diego, CA**
Validation and Verification Automated Tester Intern   *May 2018 – August 2018*
- Conducted manual and automated tests using Java and JIRA for Dexcom's Android and iOS apps, ensuring functionality and reliability across 50+ test cases
- Resolved bugs and failed tests for Android devices in Eclipse using Java then reported errors to Rational
- Delivered daily task updates to a cross-functional team of 15 during stand-up meetings, improving project alignment and team productivity

Google Computer Science Summer Institute - Extension   **Los Angeles, CA**
Program Participant   *July 2017 – August 2017*
- Completed an intensive three-week programming institute, where faculty and engineers taught web app development in HTML, CSS, JavaScript, Python, GitHub, and Google App Engine
- Designed and implemented a website app which matches a user to a hobby with two other group members, and presented a demo of it; worked on executing Google Maps API and CSS

OTHER EXPERIENCE

On-Campus Work Study   **Los Angeles, CA**
LMU Psychology Department Research Assistant and Clerical Officer   *October 2017 – May 2021*
- Regulated and facilitated psychology research studies on Sona-Systems and answered inquiries for the Human Subject Pool
- Completed administrative tasks including organizing/advertising events and meetings, and keeping the department organized to increase student and professor productivity

ACTIVITIES/AWARDS

Society of Women Engineers Club: Treasurer   *August 2020 – May 2021*
HP Summer Scholar: Scholar (Certification in LinkedIn)   *June 2020 – July 2020*
USC Athena Hacks: Multi-Participant   *March 2019, March 2020*
LMU Women's Choir: Participant   *August 2017 – May 2019*

SKILLS

Technical Skills: Agile, Airflow, Angular, Assembly, AWS (Amazon Web Services), Django, Docker, FastAPI, Flask, GCP (Google Cloud Platform), Git, Jinja, Material Design for Bootstrap, Next.js, Node.js, React.js, RESTful APIs, Tailwind, XCode
Programming Languages: C, CSS (Cascading Style Sheets), HTML (Hypertext Markup Language), HTMX, Java, JavaScript, MySQL, PostgreSQL (Structured Query Language), Python, Swift, SwiftUI, TypeScript
Languages: English (Native), Spanish (Basic), French (Basic)