

Maya Dahlke

San Diego, CA • mdahlke123@gmail.com • (858) 705-7691

Portfolio: <http://www.maya-dahlke.com> • GitHub: <https://github.com/mdahlke>

LinkedIn: <https://www.linkedin.com/in/mayadahlke>

PROFILE

I am a self-driven software engineer who is passionate about developing web applications. It combines my deep interests in logical problem solving and aesthetic user interfaces and experiences. I love coding projects with 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/Next/Angular to write apps professionally. By working with backend technologies, such as Django and Flask, I have developed my skills to support end-to-end solutions. I love decorative baking and art, and I feel coding is an art form too. They all require attention to detail which is in my DNA.

EDUCATION

Loyola Marymount University

Bachelor of Science, Computer Science; Minor: Applied Mathematics

Los Angeles, CA

May 2021

INDUSTRY EXPERIENCE

Rosalind

Front-End Software Engineer

Full-Stack Software Engineer

San Diego, CA

August 2021 – June 2022

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

Website Developer Intern

San Diego, CA

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

Validation and Verification Automated Tester Intern

San Diego, CA

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)