Alma Alvarado

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EDUCATION

California State University, Long Beach
Bachelor of Science, Computer Science
August 2017 - May 2022

EXPERIENCE

Spotify, New York, NY — *Backend Engineering Intern*
June 2021 - August 2021
- Created a backend API with Java and Spotify owned CI/CD platform to help deliver code at scale, while enabling graphs on Grafana to monitor service level indicators and objectives increasing efficiency by 100%.
- Collaborated with engineers, product owners, and designers to tackle exciting and challenging problems for the multi-functional agile payment platform team introducing a new feature for 8 million artists' payment history.
- Performed database analysis and migration on Google Cloud PostgreSQL to ensure a reliable, stable, scalable and secure system for our API .
- Kicked off the UI design payment history feature project on Spotify for Artists using React.js which shows payment history list for the artist team which includes payment date, amount, and currency.

Mar Vista Family Center, Culver City, CA — *STEM Program Manager / Founder*
August 2017 - June 2021
- Spearheaded initiative to create a STEM program for 60 underrepresented youth ages 13-18 resulting in 30% increase in student retention while successfully inspiring 90% of students to pursue a STEM related degree.
- Collaborated with Board Members, our CEO, and leads to design key program goals, define project roadmaps, create program budget, and apply to grants to fund the program.
- Managed 30 undergrad volunteers and delegated tasks to volunteers while monitoring their progress.
- Arranged biweekly check in sessions with all volunteers, increasing the volunteer retention rate 40%.

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PROJECTS

Mentes Sanas, Mental Health Website   *React and JavaScript*
- Developed an accessible, user-friendly website geared to help end the stigma behind mental health illnesses. It also provides low cost mental health resources for low income, LGBTQ+, and BIPOC communities.

Tripease   *React, Node.js, JavaScript, Python, Django REST API, Google Maps*
- Building a travel-optimizing web application that aims to centralize all travel-planning resources, and provide itinerary optimizations & recommendations.
- Designed wireframes, UX flows, and mockups with Figma to rapidly prototype designs.
- Developed and managed 2 concurrent teams and project plans, including tasks, milestones and dependencies

TECH SKILLS

Python, Java, HTML, CSS, JavaScript, MySQL, C++

React, Google Cloud Platform, Git, GitHub, Java Database Connectivity, Apache Derby

Agile Methodologies, Service Level Indicators and Objectives Training

AWARDS/ACTIVITIES

CSULB Google Research Workshop- Tech for K-12 Education

Women in Computing Club Founder- Club that creates a safe space for women in tech.

Grace Hopper Conference Community Scholarship Recipient- Received a scholarship to attend GHC 2019 and 2020.

STEM Program Creator at Mar Vista Family Center - Created a STEM program for low income underrepresented students.

Young Professional Advisory Board Member at Safe Place For Youth - Advocate and fundraise for at risk and homeless youth ages 18-25.

LANGUAGES

English and Spanish