

Dylan Olivares

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EDUCATION

UC SAN DIEGO

COMPUTER SCIENCE

Expected Dec 2024

La Jolla, CA

Current GPA: 3.62

Regents Scholar

KIPP KING COLLEGIATE

June 2020

San Lorenzo, CA

Summa Cum Laude

COURSEWORK

UNDERGRADUATE

Object Oriented Programming

Software Engineering Tools Lab

Advanced Data Structures

Design and Analysis of Algorithms

Principles of Computer Operating

Systems

Database System Principles

Web Client Languages

Recommender Systems and Web Mining

Advanced Software Engineering

Database System Applications

AI: Search and Reasoning

SKILLS

TECHNICAL SKILLS

Frontend Development:

HTML • CSS • JavaScript • React • Next

• Flutter • Tailwind • TypeScript

Backend Development:

Node • Express • Python • Java • SQL

• AWS Lambda

Databases:

MongoDB • Firebase • Supabase

• PostgreSQL • DynamoDB

Cloud & Deployment:

AWS • Vercel • Docker

Version Control & Collaboration:

Git • Jira • Confluence • Atlassian

Development Practices:

Agile • CI/CD

EXPERIENCE

ARIAT | ECOMMERCE IT INTERN

Jun 2024 – Sep 2024 | Remote

- Collaborated with the Business Analyst team to gather, document, and discuss requirements, ensuring alignment of engineering and business needs, and to streamline the development cycles for projects including adding support for athlete vouchers, UK e-gift cards, and post-purchase upsell features.
- Worked on developing post-purchase upsell functionality using ISML, JavaScript, and XHTML to increase average order value.
- Conducted manual QA testing for Apple Pay integration on iOS devices to ensure a seamless payment workflow.

VENTURE SHARES | FRONT END ENGINEER INTERN

Nov 2023 - Mar 2024 | Remote

- Built and optimized filtering, sorting, and pagination features with a focus on responsive and accessible design to streamline navigation.
- Developed a watchlist feature that allows users to monitor their portfolio, linking profiles to stored data.

ROOTUP | FRONT END ENGINEER

Jan 2019 – Sep 2019 | Remote

- Followed agile methodologies and collaborated weekly with the product manager, a team of four designers, and four developers to deliver app updates on schedule.
- Implemented website designs using HTML, CSS, and JavaScript, following semantic HTML practices.

TECHNICAL PROJECTS

CRYPTO TRACKER WEBSITE

Github

- Implemented a RESTful API using Express, Node, and MongoDB, to manage user accounts and portfolios. Created endpoints for user authentication, user profiles, and adding/removing cryptocurrencies to the portfolio.
- Integrated user authentication featuring login, logout, and sign up functionalities using JSON Web Token authentication.

UNIVERSITY DATABASE SYSTEM

Github

- Engineered a complex 3-tier architecture web application using Postgres, Apache Tomcat, and Java Server Pages
- Designed an extensive database schema with over 30 interconnected tables to model a university student information system, applying normalization principles to optimize data storage and reduce redundancy.
- Implemented features including triggers, functions, and materialized views for data integrity, performance optimization, and automated grade distribution tracking.

HONORS/AWARDS

2022 Recipient of Regents Scholarship (UCSD)

2022 Recipient of Latinos In Technology Scholarship (SVCF)

2021 Recipient of S-Stem Scholarship (NSF)