

Olivia Manalastas

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SOFTWARE ENGINEER

Experienced in Ruby on Rails and JavaScript-based programming and a professional background in mathematics, engineering, tutoring, and sales. Possess strong skills in team-building, project management, and critical thinking suited for companies seeking to accelerate their growth and influence in the tech space.

TECHNICAL SKILLS

Ruby, Ruby on Rails, SQL, SQLite, PostgreSQL, Java, HTML, CSS, Javascript, React, Git, Github, MATLAB, Figma, Trello, AutoCAD, BBC Micro:BIT, Microsoft Make Code

TECHNICAL PROJECTS

Scan Me! - [Github](#)

A QRCode generator website that allows users to save their data to their profile

- Utilized react-qr-code and react-copy-to-clipboard NPM package to generate QR Codes and allow copy-paste functionality
- Implemented Ruby on Rails gems to authenticate users and store encrypted information client-side

Flypto - [Github](#)

A Crypto Currency Trading Website that allows users to

- Utilized public Crypto API to display real-time crypto prices
- Spearheaded in assigning tasks using Trello and daily status meetings to communicate the project's development
- Conceptualized UI design through Figma
- Responsible for backend architecture using Ruby on Rails to perform CRUD operations on the client side

OMT - [Github](#)

An informational website that lets users know the arrival times of every subway line

- Utilized public MTA API to display real-time subway stations and arrival times
- Performed CRUD operations to update JSON API
- Designed the entire UI, which was chosen best website by the software engineering instructor

PROFESSIONAL EXPERIENCE

Learn Vibrant

Mathematics Tutor

Palo Alto, CA

08/2019 - 08/2020

- Created and administered weekly quizzes and monthly tests to track student progress
- Helped students improve their critical thinking and problem-solving skills.

College For Kids

Teaching Assistant - Coding and Robotics

Pleasant Hill, CA

05/2019 - 07/2019

- Assisted Engineering Drawing Professor for a Coding and Robotics summer class.
- Taught grade school students basic coding thought process and programming language through interactive activities.

ANN TAYLOR INC (Ann Taylor | LOFT | Lou & Grey)

Sales Lead & Key Holder - Opening and Closing

Walnut Creek, CA

09/2017 - 02/2018

- Remained well-versed and educated on products and services in a rapid changing environment.
- Generate revenue through exceptional customer support, marketing and sales skill to meet and exceed quota.

Sales Associate

04/2017 - 09/2017

- Built and maintained strong client relationships to ensure sales and credit card applications
- Delivered excellent customer service with floor sales and assisted customers with purchases.

EDUCATION

Flatiron School

Software Engineering Certification Full Stack, Ruby on Rails and JavaScript

New York, NY

06/2022 - 10/2022

Diablo Valley College

Coursework - (94 credits) Bachelor of Science (BS) - Civil Engineering

Pleasant Hill, CA

2016 - 2021

- **Engineering and Robotics Club** - Design Team
 - Responsible for creating the Sponsorship packet and reaching out to prospective sponsors, which gained the club \$3000.
 - Assigned to hand-draw and sketch on On-Shape or Fusion360 the Autonomous Robot Project design.