

# 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.