

MELISSA HO

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EDUCATION

Bachelors of Science in Computer Science

September 2019 - May 2022

San Francisco State University

Dean's List 2019-2022

WORK HISTORY

Manager Toro Sushi Bar, Inc.

March 2019 - present

- Conducted interviews, oversaw the hiring process, and ran staff training for 10+ employees
- Lead a positive and collaborative environment for workers resulting in low turnover
- Exceed nightly sale targets by 20% by understanding diner preferences and recommending high margin menu items
- Received several bonuses for instrumenting record breaking sales
- Ordered thousands of dollars worth of stock and kept exact numbers of inventory to prevent shrinkage and waste

UNIVERSITY PROJECTS

LambdaVibe Typescript, React, SQLite

- Worked in a team to create a web-based instrument and music visualizer
- Implemented tone.js, p5.js, tachyons libraries

GatorMart HTML, Express, Amazon Web Services, JavaScript, MySQL, CSS, Bootstrap

- Worked with a full team of developers to create a mock marketplace for students
- Website hosted on an Amazon Web Server, with new features developed on multiple GitHub branches
- Software engineering process from the ground up. Documentation includes mockups, prototypes, vertical and horizontal engineering, QA, usability, and security testing.

Tank Game Java, UML Design

- Multiplayer game built using all pillars of Object Oriented Programming.

Discord Bot MySQL, ERD design, Python

- Designed and engineered a working database for a mock software company
- Allowed user to input commands for the Discord Bot to retrieve information from specific queries.

SKILLS

Languages

Java, Typescript, JavaScript, Python, C, C++ , HTML, CSS, SQL, PostgreSQL

Frameworks

React, Node.js, Express, Spring Boot

Tools

Git, Linux(Ubuntu), Figma, Amazon Web Services, mySQL Workbench, Adobe XD

Certifications

Google UX Design Specialization

Other

SCRUM, Agile, User Centered Engineering Processes

Core Competencies

Communication, Problem Solving, Adaptable, Open-minded

Fluent in Mandarin Chinese

HOBBIES AND INTERESTS

Pilates, Gardening, Video Games, Long Distance Running