

MELISSA HO

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EDUCATION

Bachelors of Science in Computer Science

San Francisco State University

Dean's List 2019-2022

September 2019 - May 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
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