

Joshua Chin

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Education

San Jose State University, B.S., Computer Science

Expected Spring 2022

- GPA: 3.9/4.0
- Related coursework: Data Structures and Algorithms, Object-Oriented Design, Computer Architecture, Operating Systems, Machine Learning, Database Management Systems, Programming Paradigms

Skills

Programming Languages

Java, C#, Python, JavaScript, Visual Basic, SQL, HTML, Scala

Programming Frameworks

Android Studio, .NET MVC, Django, React Native, Vue, Node.js

Programming Tools

Git, Docker

Work Experience

Perksense Inc, **Product Manager Intern**

August 2020 – September 2020

- Designed and planned prototype for all-in-one app for restaurants utilizing Node.js and React Native, forming an ecosystem for franchisees, merchants, suppliers and customers
- Managed and mentored **4 interns**, and executed **Agile methodologies**
- Managed Git repository, server and deployed Docker containers

Perksense Inc, **Full Stack Development Intern**

June 2020 – July 2020

- Built a restaurant focused mobile ordering system app with React Native
- Developed testing infrastructure and created integration testing for **20 controllers** for back-end server using Jest
- Formulated back-end of for a restaurant reservation system powered with Node.js frameworks with Fastify and Sequelize ORM
- Secured restaurant service by providing authentication to all controllers using JWT and Firebase

Yee Lee Corporation, **Software Engineering Intern**

June 2019 – August 2019

- Created employee facing storefront redemption website, specifically backend, for company of **5000** .NET MVC framework and C#
- Implemented several website modules specializing in specific function, operating the Entity Framework to interact with database with “separation of concerns” architecture, providing ideal codebase that is scalable and beneficial for future developers
- Operated version control software such as Git and Subversion, streamlining development with other developers and giving structure to code

Projects

Learning Tracker, learningprinciple.chinzhengyao.com

- Devised a full-stack, dynamic website acting as a helper for learning certain topics. Features include a full-fledge document editor, notes which can be sorted based on class, and checkpoints to benchmark a learner’s knowledge on a certain topic. Powered with Java Tomcat, MySQL, Docker.

Foodbank, A Twitter Hackathon Project

- Developed a Twitter bot in Python alerting the homeless to food banks. Leveraged the Twitter API to detect tweets containing specified keywords and retweet those tweets. Programmed the Twilio API to send a text message containing the tweet’s message.