

Christopher Choe

Software Engineer

Contact

<https://github.com/christopherchoe>
<https://medium.com/@chchchoe>
<https://www.linkedin.com/in/choechristopher>
<https://christopherchoe.github.io>

2316 Monaco Dr.
San Jose, CA 95124
1.408.221.9248
chchchoe@gmail.com

Experience

Job Odyssey

Designed and implemented a relational database for a gamified job application organization web app. The class based object relational mapping was done with Python, Flask, SQLAlchemy, and MySQLdb while also handling authentication through Github OAuth to better handle user security.

Developed a functional REST API around this database structure for CRUD manipulation. Deployed on jobodyssey.com and also jobodyssey.hbtn.io with nginx and gunicorn. Planning and development done with a partner utilizing a Kanban board. Holberton School offered a server and database server in order to have this application help organize student job searches.

AirBnB Clone

An AirBnB type search page that imitates the filtering and database management of a living space rental system. Using pair programming and test driven development, a custom console was created in Python to help test functionality using unit tests of storage manipulation in both a JSON text file storage system and ORM database storage system. Jinja2 and JQuery were used to dynamically populate and filter places for rent based on search parameters fed into a REST API.

Writeme | Productivity App | Spadefish

HackDay projects done in 24, 72, and 24 hours respectively. With Writeme, I led the algorithm group in attempting to parse text and translate from our created syntax to markdown using Python. The productivity app was done alone as a challenge using Flutter and Dart to create a productivity alarm mobile application. For Spadefish, a web app that visualizes Github API data, helped implement OAuth user tokens while learning to work with docker-compose and Travis CI.

Printf | Shell

A simplified, from scratch version of the printf function and unix shell made in C with minimal library usage, instead using system calls as much as possible. Memory usage and garbage collection were closely monitored with valgrind to avoid any memory leaks or errors.

Education

Holberton School / Full Stack Software Engineering
2018 - 2019, SAN FRANCISCO, CA

Foothill College / AS Computer Science
2016 - 2018, LOS ALTOS, CA

Santa Clara University / BS Biological Sciences
2009 - 2013, SANTA CLARA, CA