hcheung01@gmail.com

415-688-0153

www.linkedin.com/in/heindrick-cheung
www.twitter.com/heindrickcheung
www.github.com/hcheung01

Heindrick Cheung

EDUCATION

San Francisco, CA	Holberton School	June 2018 - April 2019

- **Curriculum**: Computer science and project-based full-stack software development.
- **Programming Coursework**: Low-level programming, Higher Level programming, Systems Engineering, DevOps, Algorithms & Data Structures, Object Oriented Programming.
- **Grade average**: **114%**

SKILLS

- **Languages**: Javascript, Python, C, HTML/CSS, SQL, Git, Bash
- **Technologies:** Flask, Jinja2, SQLAlchemy, MySQL, React, Express, Linux, NGINX
- **Soft Skills**: Capable problem solver, fast learner, team player, leadership

SOFTWARE PROJECTS

Job Search App - www.careerpath.website

Flask app to provide curated lists of engineering jobs with account registration support and jobs matching feature

- Designed an expandable web scraper for daily job data extraction to upload directly to online database.
- Optimized key words extraction and comparison algorithms for job skills to user skills relation accuracy.
- Built a RESTful back-end server for CRUD operations to serve accounts, job infos and descriptions data.
- **Utilized**: HTML/CSS, Bootstrap, Javascript, jQuery/AJAX, Python, MYSQL, Flask, SQLAlchemy, Bash, Git

Airbnb Clone - www.github.com/hcheung01/airbnb_clone_v4

Flask app to display listings of rental locations similar to Airbnb

- Developed responsive front-end UI with console interpreter, file-storage, database, RESTful API for backend.
- Simplified web infrastructure system admin tasks by writing Bash and Python scripts for automation.
- Followed test driven development process by writing unit tests for automated bugs discovery to fix and refactor.
- **Utilized**: HTML/CSS, Javascript, jQuery/AJAX, Python, MYSQL, Flask, SQLAlchemy, Bash, Docker, Git

Simple Shell - www.github.com/hcheung01/simple_shell

Simple command line interpreter with similar Thompson Shell functionalities

- Wrote scripts to setup environment, manage memory, manage execution process, files I/O and redirection.
- Implemented a history list and custom made built-in methods for additional commands to exec.
- Manipulated environmental variables to handle correct PATHs for standard library executable files to fork.
- **Utilized**: C Language, Linux, Bash, Git

EMPLOYMENT

Solutions Manager	Verizon	May 2010-Jan 2017

- Led 3 locations to consistently ranked 1st in the district and top 5 in the region within months of transferring over.
- Mentored multiple junior members to management promotion within 1st year of original hiring date.
- Successfully led multiple teams to ranked top 10% while maintaining store experience score of over 90%.