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Heindrick Cheung

EDUCATION

San Francisco, CA   **Holberton School**   **June 2018-Present**

- **Curriculum**: Computer science and projects based full-stack software development.
- **Programming Coursework**: Low-level programming, Higher Level programming, System 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, jQuery/Ajax, Linux, NGINX, MySQL, React
- **Soft Skills**: Problem solving, quick learner, team player, leadership

SOFTWARE PROJECTS

Job Search App - https://www.careerpath.website

Flask app to provide curated list of engineering jobs with account registration support and job matching features

- Designed an expandable web scraper for daily job data extraction to upload directly to online database.
- Gained further knowledge on comparison algorithm designs to accurately predict job skills to user skills.
- Implemented RESTful back-end server to handle CRUD operations of user accounts, jobs info and descriptions.
- **Utilized**: HTML/CSS, Bootstrap, Javascript, jQuery/AJAX, Python, MYSQL, Flask, SQLAlchemy, Bash, Git

Airbnb Clone - https://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 using Fabric module.
- Familiarized test driven development principles by incorporating unit tests during development process.
- **Utilized**: HTML/CSS, Javascript, jQuery/AJAX, Python, MYSQL, Flask, SQLAlchemy, Bash, Docker, Git

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

Simple command line interpreter with similar Thompson Shell functionalities

- Wrote scripts to setup environment, manage memory, execution process, files I/O and redirection.
- Implemented a history list and customized 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 #1 in district and top 5 in the region within 3 months of transferring over.
- Developed multiple junior team members to management within 1st year of original hiring date.
- Successfully mentored sales team to ranked top 10% while maintaining excellent net promotor score of over 90%.