

WEI WEN Software Engineer

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SKILLS

- **Languages:** Ruby, Go, JavaScript, Python, and PostgreSQL
- **Framework:** Ruby on Rails, AngularJS, jQuery, AJAX, Yeoman, Grunt, Express.js, MongoDB and Node.js

EXPERIENCE

Uber, San Francisco, CA

Summer 2016

Software Engineer Apprentice at Security R&D

- Redesigned Uber's internal authorization process which will impact over 50,000 users
- Designed and implemented performance tests
- Practiced agile development, version control, iterative software practices
- High utilization of Git and Git workflow through Phabricator
- Contributed to fast-paced and startup-like team environment

Open Innovation Leveraging IBM Watson, Berkeley, CA

Fall 2014

Corpus Coordinator & Project Manager

- Input data and organized database
- Identified problems and developed solutions by communicating closely with executives from IBM and United Health
- Interviewed professionals in fields related to healthcare in emerging economy (India)
- Organized and coordinated project team meetings

PROJECTS

Front Door Library, San Francisco, CA

Summer 2016

A lightweight library that can tremendously increase the scalability of Uber internal authorization service for exponential growth

Software Engineer

- Designed serialization algorithms in Python to compress membership information to be pushed to various services
- Implemented performance tests (speed and time) on various serialization algorithms
- Wrote serialization module in Go with 100% unit testing coverage
- Integrated the serialization module into membership information updating service

SmartConnect, San Francisco, CA

November 2015 – Spring 2016

<https://quiet-eyrie-72743.herokuapp.com/>

A platform to help international students to find the right homestays

Full Stack Developer

- Built the website with Rails
- Led the development of search algorithm and backend structure with PostgreSQL database
- Participated in frontend design and implemented jQuery and Ajax

Apartmental, San Francisco, CA

Fall 2015

An apartment rental listing website that help people find most qualified apartments by providing comprehensive information

Backend Architect

- Developed a fully functional website in 7 days
- Structured database using Active Record
- Designed algorithm to process over 600 listings
- Implemented multiple APIs and technologies such as Mapbox and Foundation
- Applied Kanban project management system, agile development system, git workflow

EDUCATION

University of California, Berkeley, Berkeley, CA

Spring 2015

Bachelor of Science in Business Administration On IT Entrepreneurship

Relevant courses:

Entrepreneurship & Innovation, Open Innovation Leveraging IBM Watson, Mobile Applications and Entrepreneurship Strategy for IT Firms

Dev Bootcamp, San Francisco, CA

Fall 2015

Full Stack Web Developer 19 Week Intensive Program