

VINCENT CHANG

Level: New Grad

Field of Interest: Software Engineering

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Portfolio: <https://vincehacks.github.io>

WORK EXPERIENCE

Software Engineer Intern, DIRECTV

June 2016 - Sept 2016

- Implemented scripts to stress test servers using automated test tools: Jenkins, JMeter, CA Lisa, Flood IO
- Measured system performance by load balancing on VM clusters using AWS
- Verified user login scenarios on NFL Sunday Ticket: response time, cpu/memory, % error traffic using AppDynamics & Splunk
- Performed black-box functional software testing for mobile & smart devices

Computer Science Tutor, UC San Diego

March 2015 - June 2016

- Assisted with assignments in Java, Python, Unix, GIT, OO design
- Encouraged & aided students with algorithmic problem-solving

Instructional Assistant, UC San Diego

Jan 2016 - March 2016

- Facilitated students coding web portfolios in HTML/CSS/JavaScript, Bootstrap
- Designed curriculum on UI/UX & A/B Testing
- Low/high fidelity prototyping using Axure, Balsamiq, Invision, Sketch, Photoshop

PROJECTS

Destination Boba (WIP)

- Full-stack, responsive website built with NodeJS, HTML/CSS/JS
- Directory of Boba establishments stored in MongoDB
- Implementing functionality to integrate Yelp API

Smart Leg

- Exoskeleton prototype to aid people with leg paralysis
- Programmed Arduino circuit board to rotate motors according to force felt from muscle sensors

Iron Orr Gym Website

- Increased web traffic by 20% by designing different UI for gym website
- Analyzed A/B test results & metrics using Optimizely & Google Analytics
- New layout design increased member appointments & 4 memberships in 10 weeks

EDUCATION

University of California, San Diego, September 2014 - March 2017

- Computer Science, B.S

LANGUAGES

- Java (Strongest)
- C++
- JavaScript
- Python
- Ruby
- HTML/CSS
- PHP (WIP)

TECH SKILLS

- Agile Methods
- Object-Oriented
- NodeJS
- REST API
- Android
- Debug/Optimize
- Test Driven Dev

MISC

- SaSS
- Github
- MVC
- UML
- A/B Testing
- SCRUM