Han Zhao

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EDUCATION

University of California, Irvine (2015 – 2017)
- Computer Science Major, expected graduation time flexible from June - Dec, 2017
- GPA: 3.727

Diablo Valley College (2013 – 2015)
- Associate of Science, Computer Science Major
- Vice president of Chinese Student Association
- GPA: 3.857   Major GPA: 4.0

SKILLS

- Proficient at full-stack development with ability to quickly pick up and conquer new knowledge and programming languages.
- **Programming Language:** Java, C++, Ruby, Go, Python, SQL, Javascript, HTML5/CSS3.
- **Tools and OS:** Linux, AWS, Tomcat, Git, JMeter, Eclipse.
- **Language:** Fluent in English, native in Mandarin.

EXPERIENCE

Orbee Inc. Irvine, CA
Data analytics start up company for car dealerships
Internship as Backend developer   **April 2016 — Current (7+ months)**
- In charge of two independent services. Finished completely new features about web crawling and automating the process to generate embed codes. My system collected data and detected embed code status information on daily base. Embed codes are actively collecting conversion data to display on admin panel.
- Worked with Google analytics to display deeper insights of conversions, such as combining conversion with its' coming traffic and user location information.
- Wrote API calls for internal usages in Golang.
- Optimisations cross services, reduce 80% memory usage and help prevent unexpected crash.
- Used language Ruby, javascript, Golang, framework RabbitMQ, and providing API. Worked on AWS Red Hat instance and S3 cloud storage.

University of California, Irvine
I&CS 46 (Data Structure) Tutor   **01/2016 – 03/2016**
- Provided students "first aid" and helped them with lab assignments.
- Explained key algorithms in data structure and helped students debug projects.

Diablo Valley College
Computer Lab Assistant   **07/2014 – 05/2015**
- Helped students with programming problems, mostly with new programmers.

PROJECTS

Web-Application Project — Fabflix (Java)   **03/2016**
Movie searching and browsing web application
- Enhanced website security with reCAPTCHA on login page.
- Supported navigation between single movie page to actor/actress introduction page.
- Displayed the movie list search results with sort function and paging features.
- Created shopping cart feature which allows users' to purchase with correct credit card information.
- Created internal Dashboard for employees' usage and showing the data trend of the analytics of user's preferences (collecting from embed code).
- Applied optimisation to database such as connection pooling, indexing.
- Scaled servers with master/slaves.
- Implemented simple Android version of Fabflix.

Personal Project — Mini Facebook (Java)   **06/2016**
- Developed on AWS EC2 instance and Apache Tomcat.
- Allowed users to search friends and send request for adding friends, as well as deleting friends.
- Used Ajax to constantly update friends' recent status.