KEVIN LAM

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Education	*Master of Science*, Computer Science	March 2018
	University of California, Riverside	GPA 3.74

Experience

CSE Department @ UC Riverside — April 2017 - Present
Teacher's Assistant
- Courses: Intro to Computer Science (x2), Intro to Computing (x1)
- Created and provided lectures on programming concepts and debugging strategies.

Personal Project

StockChart — September 2017 - December 2017
Web application
- Built a full stack application with real-time updates. Users can view stock history via time line or make real-time changes to the chart, viewable between clients.
- Developed using PostgreSQL, ExpressJS, AngularJS, NodeJS, and Socket.io. Completed following RESTful API standards.

Restaurando — January 2016 - April 2016
Android application
- Developed a mobile application allowing users to store desired restaurants and, after applying additional filtering, the program can then select a dining location from the remaining choices.
- Eliminated hours spent deciding where to eat.
- Built with Yelp API, Google Maps API, Google Analytics, and Crashlytics.
- Published on Google Playstore with over 300 total downloads.
  Google Play: https://goo.gl/xXB5nh

Academic Project

Twitter News Search Engine — September 2016 - November 2016
Web application
- Developed a search engine which searches through collected news Tweets given a user's query.
- Crawled tweets using Twitter4j, constructed inverted indices using Lucene and Hadoop, and designed web interface using Apache Tomcat.
- Employed strategies such as BM25 similarity scoring, Term-at-a-time ranking, and Porter/K stemming.

Extra-curricular

Firefox for Android (on-going) — June 2016 - Present
Open source
- Debugged visual inconsistencies in the user interface during a device's orientation change in hopes of improving user experience.

Skill

Languages: Java (Competent), XML (Beginner), Python (Beginner), HTML (Beginner), CSS (Beginner), Javascript (Beginner)
Frameworks: Android, PostgreSQL, ExpressJS, AngularJS, NodeJS, Socket.io, Bootstrap, PyQt, Hadoop: Mapreduce
Tools: Git, Mercurial