

JUSTIN HARJANTO

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SKILLS

FRONTEND HTML CSS JAVASCRIPT REACT.JS ANDROID

BACKEND JAVA PYTHON HASKELL SQL AWS



EMPLOYMENT

Software Developer Intern, Microsoft

September 2016 - December 2016

- Working on the Azure Data Platforms team

Software Developer Intern, Redfin

June 2016 - September 2016

- Created a customizable page in the Competitive Market Analysis packets that allow agents to showcase their strengths
- Designed and implemented all technical components of the feature including schema changes to the PostgreSQL database, backend API endpoints in Spring and Hibernate, and rendering of the page on the PDF in React JS.

Software Developer Intern, Socrata

June 2015 - September 2015

- Researched various large database stores solutions, namely, Amazon Redshift, Google BigQuery, and Apache Spark
- Integrated Google BigQuery as a new secondary data store with the rest of the tech stack in Scala
- Developed and ran benchmark tests against datasets of over 160 million rows to determine queries that are more suited for BigQuery and those that are more suited for Postgres

Software Developer Intern, Voicebox Technologies

June 2014 - September 2014

- Developed an Android application used for audio data collection for crowd sourcing platforms and internal usage
- Application gathered over 60,000 audio recordings
- Developed a website to simulate push notifications to demo VoiceBox's technologies for CES

CSE Programming Languages TA, UW CSE Dept

March 2016 - June 2016

- Covered SML, Racket, and Ruby along with static vs dynamic typing, type inference and functional programming
- Wrote a system in Haskell that automatically assigns graders to students as well as sends grader feedback to students.
- Attended lectures and weekly staff meetings, setup grading rubrics for homework, and held office hours



EDUCATION

University of Washington: Seattle

BS, Computer Science

GPA: 3.78

Expected Jun 2017

September 2013 - Present



SIDE PROJECTS

LineCut

Developed the webserver and designed front-end for a service to notify customers when their order is ready for large scale events. Used by 800 people at a night market.

CS Grade Parser

An application that analyzes grade sheets to calculate predictive success of students in the introductory UW CSE courses.

META

Educational Android application that teaches elementary math. Approved by educators on the Google Play education platform.

Gradenator

Created an Android app used for keeping track of grades with a clean interface.



ACTIVITIES

DubHacks (Oct 2015)

Lyte: Social network focused on expression of emotions. Built with React.js, d3.js, node.js, and PostgreSQL. Winner of best use of personalization from Disney.

Zillow Hack Housing (Feb 2015)

Refine: A tinder-style application for matching homebuyers with homes for sale. Made on the Android platform with a node.js backend.