JEFFREY CHANG

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Github
github.com/jeffchang5

Education
University of Michigan
Computer Science B.S.

Coursework

Data Structures and Algorithms, Database Systems,
Informatics, Machine Learning, Mobile Development, Object Oriented Programming

Experience

Web and Android Developer MHacks, January 2016 - Present
Developing routes for the Django backend and built UI components in React.JS. Lead developer of the Android app, reworked UI significantly and refactoring the codebase to use RxJava and Kotlin.

Android Developer, Service.com, June 2017 - Present
Worked on the production app in a startup. Significant work in Android UI Programming as well as implementing architectural decisions to ensure a scalable codebase.

Data Scientist, GetSmarter, June 2016 - August 2017
Assessed and cleaned data from various systems used on various production servers. Used statistical packages to do exploratory analysis of student performance in respect to VOIP and forum participation. Built a visualization in D3.js that interprets the distribution of callers throughout the world.

Projects
(More in Github)

AutismAssist
Developed a Google Glass application that won third place at MHacks. Gave real time feedback during a conversation to communicate how attentive and engaged the other party is. Developed a D3 visualization that used sockets from the data collected from our Glass.

MedVenture
Unity game where we used a model of the human body and a Myo that allowed the user to select a part of the body where a patient might feel pain, then interacted with a Python backend to give the most likely diagnosis.

Skills

Android, Kotlin, Java, Python, Node.js, React.js, D3.js , HTML, CSS, R, *TensorFlow,* SQL, *Web Development, Amazon Web Services, Design, Database Design,*