Kyle Chan

Experienced full stack software engineer passionate about fintech and efficiency. Looking for opportunities to make an impact at organizations focused on simplifying lives through technology.
Graduating May 2020

Professional Experience

Forward Financing (Boston, MA)
Full Stack Software Engineer (Jan-Jun 2018, Jan-Aug 2019)
- Built out, maintained, supported, and documented FF's application submission API (written in **Phoenix**) and decreased manual processing time by 50% with over 30,000 API submitted applications in just 6 months. Worked closely with product and to support partner companies wishing to integrate with the API
- Implemented UX designs in submission portal in **ReactJS** to improve efficiency and improve user experience.
- Automated the company's email submission workflow by integrating it with a core **Rails** monolith to improve efficiency for the processing team and improve data security by moving sensitive bank statements and applications to S3. Being one of the company's most popular submission channels, this workflow improves the process of up to 1000 submissions per day.
- Implemented new logic into two of the core **Rails** applications to automatically decline submissions that are determined as ones that the company could not competitively price saving underwriting resources for hundreds of submissions each month.

Jobcase (Cambridge, MA)
Quality Assurance Automation Engineer (Jan-Jun 2017)
- Designed, implemented, and maintained automated test suites for Jobcase using **Ruby** and Selenium
- Automated time consuming manual quality assurance tasks and saved 3 hours of manual QA time each day
- Created a web interface for viewing live test suite progress and results

Education

Northeastern University (Boston, MA)
Khoury College of Computer Sciences (Sept 2015 - May 2020)
Bachelors of Science in Computer Science and Finance
3.62/4.00 GPA
Teaching Assistant for Object Oriented Design (Sept 2019-Present)
- Hold office hours for 4 hours a week to assist students with coursework and homework assignments in Java
- Grade exams and projects with emphasis on leaving constructive comments for students to know how to improve on future assignments

Projects

DinnerPal (2018)
- Fueled by my indecisiveness around dinner time, I created a **React Native** app for myself to get random recipe recommendations with recipes sourced from a recipe REST API

Car Classifier (2018)
- Trained a neural network using **Python**, **Keras**, and **TensorFlow** to identify images of cars by their make and model by fine tuning the ImageNet neural net

Buyerspace (2017)
- Marketplace web app in **Rails** that allows users to post items for sale, categorize postings, and make offers on other users' postings.

References Available Upon Request

Contact me at
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Find me on
kylechan.me
github.com/kyle-ch
linkedin.com/in/kyle-ch/

Languages I've used
Ruby
Javascript
Python
Elixir
Java
SQL
HTML5
CSS

Frameworks and tools I've used
Rails
ReactJS
Redux
Phoenix
zsh
Postgres
Git
Jira

Some more about me!
I'm very interested in personal finance and investments.
I was a NYC bowling champion in high school.
I spend *way* too much time watching car and cooking videos in my free time.
I'm always down to go to a concert.