Kevin Luong

Skills

Languages JavaScript, Python, Golang, PostgreSQL, HTML, (S)CSS, C++, C#

Frameworks React, React-Redux, RxJS, Redux Observable, Django, Express, AngularJS

Tools Webpack, Typescript, Google Cloud (Storage, Compute Engine), Docker

Experience

Software Engineer | Correlation One, New York NY

Jan-Apr 2018

- Architected, implemented and tested a full stack social media platform utilizing the Google Cloud stack (Compute Engine, Storage, Firebase, CloudSQL)
- Designed and implemented a polished user interface using React, Redux, and Redux-Observable
- Created a RESTful API following micro-service architecture in Golang supporting following users, tagging content and basic auth with OAuth 2.0 register, and JWT
- Specced out data models, SQL queries and implemented database in PostgreSQL

Software Engineer | Connected Lab, Toronto ON

May-Sept 2017

- Built a conversational/voice interface prototyping tool using Redux-Observable and MongoDB allowing deep analysis of voice configurations and Alexa utilized by a billion dollar CL client.
- Created an operations portal and data visualization tool using React-Redux and Spring for one of Canada's largest retailers to manage 1000's of orders across Canada
- Developed the Amazon Alexa music playback skill for iHeart Radio.

Software Engineer | Smart Technologies, Calgary AB

Sept-Dec 2016

- Designed, implemented and tested features in a collaborative whiteboard platform improving lesson flow and student interaction for thousands of users worldwide.
- Led web development of the end to end creation of a polished educational game made with JavaScript, CSS and HTML shipped in Q1 2017.

Projects

GraphCat | A visualization tool for comparing movie ratings

An Express backend asynchronously calls multiple APIs to query for movie ratings and dynamically renders the information to the webpage using Jade.

Education

Systems Design Engineering | University of Waterloo

Class of 2020

Relevant coursework: Data structures and algorithms, digital computation, human centred design

Interests

Books, men's fashion, NFL 🕏, NBA 🏶 😢, board and video games