



James Kim

SYSTEMS DESIGN ENGINEERING

 jamesyk.com

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SKILLS

Languages

JavaScript, Java, Python, C++
HTML, CSS, XML, JSP
Postgres, MySQL, GraphQL

Frameworks / Libraries

React, React Native, Angular4, Angularjs
Typescript, Apollo, Redux, Flow
Node, Express
Jest, Enzyme, Mocha, Sinon, Chai
D3, jQuery, Bootstrap, Foundation, SASS

PROJECTS

Avalon Mobile

- Developed mobile app mimicking board game, Avalon, using React Native with Redux
- Managed team of four developers by designing mock-ups, creating tickets, dividing tasks, and organizing weekly meetings

EDUCATION

University of Waterloo 2015 - 2020

Candidate for BAsC, Systems Design Engineering

Relevant Courses:

Data Structures and Algorithms, Software Design,
Human Factors in Design, Digital Computation (C++)

ACHIEVEMENTS

Dean's Honour List 2015, 2016

Ranked 5th in Spring Term 2016

Ranked 6th in Fall Term 2015

INTERESTS

Camping, Board Games, Video Games, Piano

WORK EXPERIENCE

Frontend Developer

Shopify Sep 2018 - Dec 2018

- Built channel interface for Shopify merchants to integrate with Facebook
- Improved reliability of one of Shopify's largest GMV producing channels by increasing test coverage by over 300%

Web Application Engineer

Taplytics Jan 2018 - Apr 2018

- Developed a directed graph editor to map out complex user events using D3 and React
- Created core features that led to a partnership with one of the largest companies in the world
- Built, maintained, and bug-fixed codebase for company's web application, web SDK, and chrome extension using React, Angular, and Node
- Ensured quality code through writing unit tests with Jest and Enzyme, regression testing, and code reviews

Full Stack Developer

Sears Initium Commerce Lab May 2017 - Aug 2017

- Created a Spring Camel integration for new point of sale system to replace legacy infrastructure cutting costs by \$75 million
- Developed internal tool to calculate pricing based on competitors using Angular for frontend and Node with Express for backend
- Integrated current processes for supply chain channels into Netsuite enterprise resource planning (ERP) system using JavaScript
- Rebuilt checkout system for online store using React to reduce load time by 35% and improve user experience

eCommerce Developer

Rogers Communications Sep 2016 - Dec 2016

- Incorporated Rogers branding and identity to newly created web applications using HTML, CSS, and JavaScript
- Maintained and bugfixed Java code for main website dealers use to sell Rogers devices, resulting in smooth workflow for dealers
- Improved efficiency and security of database by introducing bind variables to SQL database