KEITH CHEUNG

SOFTWARE DEVELOPER

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TECHNICAL SKILLS

Languages: JavaScript, C++, Java, Bash
Tools: React, Redux, Vue, Firebase, MongoDB, Mongoose, Express, GraphQL, Node, React Native

EMPLOYMENT

HubSpot   July 2018 – December 2018
Software Engineering Co-op   Cambridge, MA, USA
- Making robust UI changes in how subscriptions are managed using React and Redux
- Implemented internationalization support which allows our users to organize their subscriptions by language and send translations of emails to their contacts
- Created unsubscribe surveys to help our users gain valuable insights to drive improvements in email marketing
- Built a subscription timeline component for customers to review the consent of a particular contacts for GDPR
- Revamped the entire design of the preference pages to allow more personal customization for our users
- Wrote acceptance tests using Selenium and Mocha to ensure we can deploy frequently with confidence

SMART Technologies   May 2017 – August 2017
Software Developer Intern   Calgary, AB, Canada
- Implemented new features and components for the SMART Learning Suite team which focused on converting SMART Notebook into a web-based software using Vue alongside Ember
- Expanded the range of annotations supported in the XML parsing algorithm by 62%, ensuring all annotations uploaded from Notebook files are rendered
- Implemented a new way for students to be engaged with the lessons by allowing them to join presentations and add annotations

PROJECTS

Fakeddit   September 2018 - Present
React, MongoDB, GraphQL, Express
- Developing a full stack application where users are anonymous but have a unique identity in each post
- Focusing on developing skills to create an Express application and GraphQL server with Node, while using Apollo to connect the React client to the server

Storybox VR   September 2018
React Native, Firebase
- Built a mobile application where users can manipulate as well as view a virtual environment that a friend is in
- Implemented entire mobile application and connected the virtual environment and the application

Eventful   August 2018
Vue.js, Firebase
- Developed a web application where users can create and join open events
- Integrated the Vuetify framework for a better user experience and used Heroku for deployment

EDUCATION

Candidate for Bachelor of Computer Science   2016 – 2021 (Expected)
University of Waterloo   Waterloo, ON, Canada