**James Hageman** [jamesd@hageman.ca](mailto:jamesd@hageman.ca)Software Engineering | University of Waterloo | [github.com/JamesHageman](https://github.com/JamesHageman) 416-262-9985

**SUMMARY OF QUALIFICATIONS**

* 4 years experience in frontend engineering with React, Flux, AngularJS and Test Driven Development
* 4 years experience in backend development with Node.js, Express, PHP, SQL, and Websockets
* Experienced with MVC web architecture and delivering full end-to-end features with tight deadlines

**PROFESSIONAL EXPERIENCE**

**Shopify** Production Engineering Intern,Waterloo ON September 2017 - December 2017

* ElasticSearch failovers
* Resilient indexing
* Elasticsearch 6 zero-downtime migration
* Safe Kafka topic deletion

**Shopify** Developer Intern,Waterloo ON January 2017 - April 2017

* Script Error Reporting
* Bulk Account Inviter

**Rangle.io** JavaScript Developer,Toronto Ontario May 2016 - August 2016

* Developed a critical e-commerce project for a major retail client with React, Redux, Redux-Saga, Ramda and functional programming to make the frontend code modular, scalable and fast
* Composed APIs from a product database, a Firebase CMS, and other APIs with a Node.js Koa server
* Rendered the React app on the server side to increase SEO and time-to-interaction
* Synchronized between 5 remote teams in an agile scrum process delivering new working software every week
* Reduced bugs by maintaining 80% unit test coverage with Mocha, Enzyme and CircleCI

**Innovasium Digital** Full Stack Web Developer,Markham Ontario Summers 2012 - 2015

* Taught new co-op students React, Redux and Rails in multiple onboarding sessions
* Migrated iCMS to Docker and set up deployment automation with AWS and CircleCI
* Built a modern web application for PAAB with PHP, AngularJS and SQL that manages the submission, review and approval process for ~8000 advertising submissions/year for pharmaceutical industry
* Improved client’s daily workflow by implementing real-time collaborative PDF annotation system with React, Node.js and Websockets with Socket.io
* Rebuilt the frontend of a legacy system as a React web app with to improve architecture and speed
* Modernized company’s web development process by combining React, Flux MVC Architecture, Babel, Webpack, jQuery, Bootstrap, LESS, ESLint, NPM into one package

**EDUCATION**

**Candidate for Bachelor of Software Engineering - University of Waterloo** 2015 - 2020

* President's Scholarship of Distinction for entrance average above 95%
* Dean’s Honour List and the top decile in 1A

**INTERESTS**

* Functional Programming and new JavaScript libraries like React, Redux-Saga, Cycle.js, RxJS and Elm
* Performing music – jazz/blues guitar, vocals, piano

**PROGRAMMING SKILLS**

**Languages:** Ruby, JavaScript, SQL, C++, PHP, Elm, Haskell

**Technologies:** Docker, Rails, React, ElasticSearch, Kafka, AWS, Kubernetes, DataDog