Jake Raw

Software Developer

Personal Info

E-mail

jtraw96@gmail.com

Phone

1-226-338-6440

Website

http://jakeraw.com/

GitHub

https://github.com/jraw96

LinkedIn

https://www.linkedin.com/in/jake-raw-a3950b107/

Programming Languages

Javascript, HTML/CSS

Java, Python, Swift

VHDL, Assembly

Programming Technologies

Node.js, Java Spring Framework

Angular 2-5, React.js

Keras, Tensorflow

MongoDB, PostgreSQL, Elasticsearch

Mocha, Chai

Programming Concepts

Object Oriented Programming

Machine Learning

Cloud

Version Control (Git)

Unit/Integration Testing

Experience

2018-05 - Amplify Software Developer Co-op

2018-08 RBC Royal Bank

Tech Stack: Node.js, React.js, Elasticsearch, Logstash, Kibana

- Designed a new backend infrastructure to securely access and perform analyses on large datasets, accelerating recovery times for incorrect payments.
- Awarded a provisional patent for the algorithm implemented in my error detection strategy by the Bill Payment Recovery team

Full Stack Developer Contractor

2018-08 VoiceFlow

Tech Stack: Node.js, React.js, Amazon Web Services

- Configured in-skill purchasing within the Voiceflow Amazon Alexa application
- Wrote AWS Lambda Functions for API communication between the Amazon Echo and Node.js backend server; reducing latency

2018-01 - Full Stack Developer Co-op

2018-04 RBC Royal Bank

Tech Stack: Java Spring Framework, Zuul gateway service, Angular 5,

PostgreSQL, Swift

- Worked on developing RESTful APIs and authentication mechanisms for RBC
 Backpack
- Optimized front to back-end database queries to improve user experience on Backpack's dynamic web pages
- Wrote an internal iOS application to gamify RBC's Technology and Innovation leadership model

2017-05 - Back-End Developer Co-op

2017-12 RBC Royal Bank

Tech Stack: Node.js, AngularJS, MongoDB, Elasticsearch

- Worked collaboratively on internal applications and followed agile development methodologies
- Developed features for OAuth client authorization across Development and QA environments
- Wrote a proof-of-concept application to demonstrate Elasticsearch performance on various data sets
- Managed and maintained applications in IBM's Bluemix cloud service solution

Education

2016-09 -

2014-09 - Western University - B.E.Sc. Computer Engineering

• With Professional Internship

Athletics and Activities

2016-09 - **Varsity Waterpolo Athlete**

2018-04 Practiced six times per week training for tournaments and the annual Ontario University Athletics (OUA) championship.

Western Electronic Gaming Association, VP

2018-01 Organized tournaments and events for the online card game Hearthstone