

Jake Raw

Software Developer

Personal Info

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Website

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GitHub

https://github.com/jraw96

LinkedIn

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Programming Languages

Javascript

Java

Python

HTML/CSS

Swift

Programming Concepts

Object Oriented Programming

Cloud

Version Control (Git)

Unit/Integration Testing

Experience

2018-05 -

2018-08

Software Developer Co-op

RBC

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

2018-06 -

2018-08

Full Stack Developer Co-op

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 -

2018-04

Full Stack Developer Co-op

RBC

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 -

2017-12

Back End Developer Co-op

RBC

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

2014-09 -

2019-04

University of Western Ontario, London ON in Computer Engineering

- B.E.Sc. Computer Engineering with Professional Internship

Athletics and Activities

2016-09 -

2018-04

Varsity Waterpolo Athlete

My strength is speed; I work together with my teammates to setup plays from the wings

2016-09 -

2018-01

Western Electronic Gaming Association

VP of Hearthstone

Organized tournaments and events for the online card game Hearthstone