

## EXPERIENCE

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- **Amazon** Winnipeg, MB  
*Software Engineer* *Sep 2019 - Dec 2019*
  - Created a set of C++ tools around AWS Thinkbox Krakatoa to reduce the artist's cost up to 20%.
  - Fixed various critical customer facing bugs by working directly with solution architects and customers.

**Used:** *C++, Python, Bash, Anaconda*
- **Scotiabank** Toronto, ON  
*Software Engineer* *May 2019 - Aug 2019*
  - Created a PoC around OpenFaaS to develop the department's direction with respect to Serverless Functions. Presented to management and coworkers the benefits of FaaS and OpenFaaS.
  - Migrated an old C++ service to Java Spring with an Angular Frontend. Setup a Jenkins based CICD pipeline with fully automated testing utilizing Selenium and JUnit.

**Used:** *Java, Docker, Kubernetes, OpenFaaS*
- **Nokia** Ottawa, On  
*Software Designer* *Jan 2019 - Apr 2019*
  - Assisted in the frontend and backend development of the team's device adapter code generator. In some cases automating 100% of the device adapter creation.
  - Created a Java golden file testbed for the teams code generator allowing team members to test their changes against real world use cases.
  - Created a regression framework utilizing Selenium/Javascript to fully automate the testing of the frontend.

**Used:** *Java, ReactJS, Javascript, Karaf, Docker, Selenium, gRPC*
- **Rockport Networks** Ottawa, On  
*Microservice Backend Developer* *May 2017 - Aug 2018*
  - Designed and implemented a full log management and troubleshooting solution using the ELKB stack.
  - Created an authentication service used to authorize users against a customer provided Active Directory server.
  - Fixed several major bugs in the open source Elastic Beat product family.
  - Worked on various Go microservices which utilized Kafka, Postgres and Elasticsearch.

**Used:** *Go, Openshift, Kubernetes, Elasticsearch, Kafka, Postgres, LDAP, REST*
- **Authentiky** Ottawa, On  
*Software Developer* *Sept 2016 - Jan 2017*
  - Researched and compared multiple virtual server providers to determine the best fit for the company.
  - Installed, setup, and deployed a XMPP server accompanied by a simple chat bot to Amazon EC2.
  - Developed a PoC video chat website to test usability and functionality of several client side XMPP libraries.

**Used:** *Java, Tomcat, Tigase XMPP Server, Amazon EC2, Smack*
- **Sidense** Ottawa, On  
*Software Developer* *May 2016 - August 2016*
  - Designed and built automated process models that allowed the company to obtain an ISO 9001 Certification.
  - Used the MVC pattern to develop a Java application to automate model and product design specifications.

**Used:** *Java, Junit, Javascript, Alfresco, Postgres, Ubuntu, SVN*

## EDUCATION

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- Carleton University** Ottawa, ON  
*Bachelor of Computer Science; GPA: 12.0/12.0* *Sept. 2015 - Expected Dec. 2020*
- **Deans List, Goldie Wilkinson, John R. Pugh, Rymerson scholarships:** Awarded for outstanding academic achievement by Carleton School of Computer Science
  - **Codeguru Junior Champion (2017):** Awarded for highest placing junior at Carletons Code Guru Competition.

## PROJECTS

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- **kwojcicki.github.io:** Fully fledged portfolio and blog using Jekyll, with in-depth articles regarding various technology concepts ranging from correct Elasticsearch usage to Information Gain and Decision Trees
- **Tuti:** Flask Python platform helping tutors and tutees connect.
- **Pay Up:** Java receipt sharing application utilizing Google Cloud OCR