

**Experience****Microservice Software Developer      Rockport Networks      May 2017 – September 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
- Reworked and upgraded the solution's Ansible installer to be compatible with Centos 7
- Reworked services, added readiness/liveness probes and updated the solution's infrastructure to make product deployable with a clustered Kubernetes approach
- Fixed several major bugs in the open source Elastic Beat product family
- Advised colleagues regarding 3<sup>rd</sup> party dependency usage and ensuring that the dependencies stay up to date
- Implemented a Go based emulator service that allows QA and developers to extensively test against all possible permutations of hardware and scenarios
- Developed multiple RESTful endpoints that fetched data from Elasticsearch based on user requests

*Used: Go, Python, Pytest, Elasticsearch, Kafka, Logstash, Nginx, Kibana, Grafana, Postgres, Docker, Kubernetes, Elastic Beats, LDAP, Jira, Confluence, Ansible, OpenLDAP, Active Directory, Centos, Ubuntu, Git, REST, JWT*

**Software Developer      Authentiky      September 2016 – January 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, Junit, XMPP, Tigase XMPP Server, Tigase JAXMPP Client-side Library, Amazon EC2, Smack XMPP, JSXC XMPP*

**Software Developer      Sidense      May 2016 – August 2016**

- Designed and built automated process models that allowed the company to obtain an ISO 9001 Certification
- Constructed as well as streamlined various workflows and tasks into Alfresco - a Java/Javascript based BPM
- Used the MVC pattern to develop a Java application to automate model and product design specifications
- Created a Java application that queries the BPM's Postgres DB and generates productivity and progress reports

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

**Education****Bachelor of Computer Science Co-op      Carleton University      September 2015 – April 2020**

- **Deans List (2015 – Present):** Awarded for 12.0/12.0 (A+) CGPA

**Highlighted Projects****Pay Up**

- Led the development of a receipt sharing application using Google Cloud OCR with Java
- Developed a service to scan receipts and which allowed users to easily split up within groups

**kwojcicki.github.io**

- Created a website with a fully-fledged portfolio page and blog using Jekyll
- Wrote in-depth articles regarding complex tricky bugs in Elasticsearch, explaining how to properly setup local Active Directory and OpenLDAP servers and proper usage of Go and Elasticsearch

**Awards and Nominations**

- **Goldie Wilkinson (2016) and John R.Pugh Scholarship (2017):** Nominated and chosen for outstanding academic achievement by the Carleton School of Computer Science
- **Nominated co-op of the year (2017):** Nominated by mentor from Rockport Networks to receive Carleton's Annual Coop of the year award
- **Carleton Codeguru Junior Champion (2017):** Awarded for highest placing junior at Carleton's Code Guru competition