

EDUCATION

Waterloo, ON	University of Waterloo	Sept 2013 - Dec 2018
<ul style="list-style-type: none">• Major: BSc - Honors Health Studies• Certificate (Minor): Computer Science• Specialization: Health Informatics		

EMPLOYMENT

Software Developer	University Health Network	Aug 2018 - Present
<ul style="list-style-type: none">• Web application developer, part of the UHN Clinical Web Application project within the Systems Engineering Team• Responsible for full life cycle of software delivery including design, implementation, testing and maintenance of Clojure web applications, databases, and web services• Lead development of the Clinical Portal application using Clojure and ClojureScript allowing clinicians centralized access to patient data• Implement back-end services in Java using SQL and Oracle		

Software Engineer	Liquid Analytics	Jan 2018 - Aug 2018
<ul style="list-style-type: none">• Lead developer of the Liquid Analytics InfoSite using Google Polymer, a JavaScript framework, allowing clients to view, export, and graph customer data• Used RESTful APIs to retrieve JSON formatted data from databases and Amazon Web Services• Developed Python scripts for data migration, modification and analysis using the pandas library.• Wrote automated testing scripts for iOS and web applications using Xcode and LeapWork• Proven ability to work under pressure in an agile environment to meet deadlines.		

Mobile Application Developer	University of Waterloo	Sept 2017 - Jan 2018
<ul style="list-style-type: none">• Developed prototype of the University of Waterloo Academic Integrity (UWAI) mobile application• Designed the front-end aspects of the app using Unity 5 and C#• Prepared design documents regarding the architecture and workflow of the app		

SOFTWARE PROJECTS

Polymer Website:

- Developed a web application that displays additional information about myself and my projects using Google Polymer and JavaScript
- Built by using custom web components that are compatible across modern browsers and multiple devices

Knights Game

- Created a 2D tower defense WebGL video game using Unity and C#
- Development includes aspects such as animation, audio, level design, high score and an upgrade system

Trump Tweet Generator

- Used Python to stream Donald Trump's tweets using the Twitter API and build a Markov Chain model
- The model is used to predict speech patterns to generate a fake tweet

SKILLS

Languages: JavaScript, Python, Java, SQL, C#, Clojure

Technologies: Git, Jenkins, Jira, Confluence, Maven, Google Polymer, Unity, TensorFlow, HTML/CSS