

IAN CHUCK-YIN

Health Informatics
Computer Science

Email: ichuckyin@edu.uwaterloo.ca
Phone: 647-470-9115
Website: <https://ianchuckyin.github.io/>

EXPERIENCE

Software Developer • University Health Network

August 2018 - Present

- Create software solutions for a large, complex hospital environment
- Web application developer, part of the UHN Clinical Web Application project within the Systems Engineering team
- Responsible for the development of web applications, databases, and services using **Clojure**, **ClojureScript**, **Java**, and **SQL**
- Responsible for the full lifecycle of software delivery, from application design and implementation to maintenance and support including participation in on-call rotation with the other developers in the team

Software Engineer • Liquid Analytics

January 2018 - August 2018

- Designed and developed Liquid Analytics' main web application for viewing customer and employee data using the **Google Polymer 2.0** framework.
- Used API calls to retrieve JSON formatted data from databases/Amazon Web Services and display it in a practical and intuitive user interface for web applications.
- Built and maintained SQL scripts for data analysis and extraction for various projects.
- Developed **Python** scripts for data migration, modification and analysis using the pandas software library.
- Wrote automated testing scripts for iOS and web applications.
- Proven ability to work under pressure in an agile environment to meet deadlines.

Mobile Application Developer • University of Waterloo

2017 - 2018

- Developed prototype of the University of Waterloo Academic Integrity (UWAI) mobile application.
- Designed the front end and back end aspects of the app using **Unity 5** and **C#**.
- Developed and integrated games into the UWAI app to enhance user experience, as well as develop the overall functionality of the app.
- Prepared presentations of the UWAI app which included screenshots and a walkthrough of the app.

EDUCATION

University of Waterloo

Waterloo, Ontario
Class of 2018

BSc - Honours Health Studies
Specialization - Health Informatics
Minor - Computer Science

TECHNICAL SKILLS

Google Polymer 2.0 • JavaScript
Java • C# • Unity 5
Clojure • HTML5 • CSS • SQL
Python • TensorFlow
Android Studio

TECHNOLOGIES

Maven • Jenkins • JIRA • Git
Confluence • PostgreSQL

E-LEARNING

- Java Programming Masterclass for Software Developers (Tim Buchalka)
- Data Structures and Algorithms: Deep Dive Using Java (Tim Buchalka)
- Java Multithreading (John Purcell)
- Complete C# Unity Developer 2D (Ben Tristem)
- Python for Data Science and Machine Learning Bootcamp (Jose Portilla)
- Complete Guide to TensorFlow for Deep Learning with Python (Jose Portilla)