IAN CHUCK-YIN
Web Application Developer

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EXPERIENCE

Software Developer

University Health Network   Aug 2018 – Present

Java, **Clojure**, **PostgreSQL**

- Web application developer, part of the UHN Clinical Web Application project within the Systems Engineering Team
- Responsible for the 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 and PostgreSQL
- Attend meetings with project managers, developers, and other stakeholders to discuss product bugs and improvements

Software Engineer

Liquid Analytics   Jan 2018 – Aug 2018

JavaScript, **Google Polymer**, **Python**, **PostgreSQL**, **Firebase**

- Lead web application 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 data from PostgreSQL, Firebase and Amazon Web Services
- Developed Python scripts for data migration and modification using the pandas library
- Proven ability to work under pressure in an agile environment to meet deadlines
- Attend daily scrum meetings

PROJECTS

Polymer Website

- Developed a web application that further showcases my skills and demos of my projects using Google Polymer and JavaScript
- Demos of my projects can be found at http://ianchuckyin.github.io/#/projects

Knights Tower Defense

- Developed a 2D WebGL video game application using Unity and C#

Tweet Generator

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

EDUCATION

Bachelor of Science

University of Waterloo

Sept 2013 – Dec 2017

Major in Health Studies

Minor in Computer Science

Specialization in Health Informatics

SKILLS

Languages

JavaScript	Python
Java	SQL
C#	Clojure

Front End

React	Redux
Polymer	HTML/CSS

Back End

Node	Express

Databases

PostgreSQL	MongoDB
Firebase	

Testing

Jest	Enzyme

Other Technologies

Git	Jenkins
JIRA	Confluence
Unity	TensorFlow