JEFFREY NG

Candidate for B.ASc in Systems Design Engineering
University of Waterloo

(647) 771-8718
jc4ng@uwaterloo.ca
jeffrey-ng.me
Jeffrey-ch-Ng
www.linkedin.com/in/jeffrey-ng-022

Skills

Languages:

Java
C++
HTML/CSS
JavaScript
Python
Liquid

Frameworks & Tools:

Git
Bootstrap
Sass
React/Redux
Docker
JIRA

Achievements

First Place

InspireHacks2017 MLH
Localhost Hackday

Best Overall Solution

University of Toronto
Design Competition

International First Place

DECA Buying and
Merchandising Operations
Research Event

Interests

Competitive Swimming
Badminton
History

Work Experience

Front End Developer | Ontario Institute for Cancer Research | Jan-Apr 2019

- Implemented **React** components for OICR LABS websites using **JavaScript ES6** and **JSX** syntax to access data from the **Redux** store and render dynamically
- Designed and themed aesthetic and user friendly websites on 10+ projects while ensuring modular and maintainable **Sass/CSS** code
- Created responsive **Bootstrap** static templates with **HTML** and **Liquid** syntax on the **Jekyll** static site generator to create quick, secure static websites
- Implemented **Docker** to create local environments and **Git** for version control

Advertising Account Intern | DV8 Communication | Jul-Aug 2017

- **Analysed** and utilized **demographic data** of populations within the regions of the Greater Toronto Area to determine target audiences for advertising campaigns
- Collaborated with the Account Strategist to brainstorm diverse advertising solutions for 5+ clients including Mitsubishi and FreshCo
- **Designed** visually appealing **graphics** illustrating crucial demographic data on presentations to promote solutions for potential clients

Projects

Digimunne

- Created a user-centric web application allowing users to store patient data utilizing the **Django** framework with a **Python** backend and a frontend built with **HTML**, **CSS**, and **JavaScript**.
- Allowed users to store patient data on an SQL database to allow medical professionals to digitally access medical records, reducing needless paperwork

Physics Simulator Learner

- Developed a modular **Java** GUI application using **Object Oriented Programming**, Inheritance, and Polymorphic Principles
- Utilized user-friendly simulations explaining difficult fundamental physics principles to help students understand through interactive tutorials

FoodEye

- Designed using **HTML**, **CSS**, **NodeJS**, **ExpressJS**, and IBM Watson Visual Recognition API for Hack The North 2018
- Allowed users to capture images from a webcam which then queries the Watson API and displays the returned name of the food item to a web page