

# ALI SANAKNAKI

sanaknaki.github.io — asana085@uottawa.ca

## WORK EXPERIENCE

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### Student Web Developer

May - Aug 2018

*Environment and Climate Change Canada*

- In charge of creating a proof of concept for a web-application, utilized **NoSQL** databases from a development platform (**Firebase**) as well as **JavaScript** and other web development languages.
- Aided in structuring database table layout for efficient information retrieval.

### Teaching Assistant

Jan - Apr 2018

*University Of Ottawa*

- Became a Teaching Assistant for the Programming Paradigms course at the university in my undergrad.
- Taught tutorial classes (Prolog, Scheme, GoLang), marked midterm exams and assignments.

### Web Content Specialist

May - Jul 2016

*Environment and Climate Change Canada*

- Joined the Web Development team, responsible for creating and updating web pages for ECCAs MetPlus website.
- Worked with **HTML** and **JavaScript**, utilizing the WET4 **CSS** framework.

## PROJECTS

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### NLIMDb

*UI Designer and Full-Stack Developer*

- Created a web application with two other students that retrieves movies and TV shows based on a **Natural Language** search as a project for my Honours Project.
- Utilized **HTML5**, CSS frameworks like **Bootstrap**, and **ReactJS** for the web application.

### OCRoutes

*UI Designer and iOS Developer*

- Revamped the bus-transit tracking experience, built an **iOS** application for a UI course at the university, programmed the application in Swift, designed all the views of the application in **Sketch** using custom elements.

### Surface Tension

*Developer and Builder*

- Worked on an installation for the new **STEM building** at the University of Ottawa, an **interactive** polygon wall, using **Raspberry Pi** and the **Xbox Kinect** features.
- Aided in the planning, designing, and building of the installation.

### SpottedU

*Front-End Developer*

- An anonymous social network for university students, joined a group of friends in developing a website and mobile applications for iOS and Android.
- Utilized **HTML**, **CSS**, **JavaScript** frameworks in developing a web app, SpottedU acquired over **2000 unique users**.

More projects can be found on my **Github**(@sanaknaki), and all UI designs can be found at my website.

## EXTRACURRICULARS

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### uOttHack

*University Of Ottawa (2 Days)*

GitCoin which was a **blockchain prototype** built on top of Git with friends, placed **top 5** at the competition.

## TECHNICAL SKILLS

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### Languages

Proficient: .html, .js, .java | *Basic* : .cpp, .py

### Frameworks and Systems

Git, React, Bootstrap

### Design Software

Sketch, Photoshop, Figma

## EDUCATION

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### Honours BSc Specialization in Computer Science

University Of Ottawa.

Dec 2018