THE UNIVERSITY OF BRITISH COLUMBIA
a place of mind
UBC

Engineering Co-op Program
Faculty of Applied Science
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Vancouver, BC Canada V6T 1Z4

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Sanid Singhal
Electrical Engineering

TECHNICAL SKILLS

Electrical Equipment

- Arduino Kit
- Oscilloscope
- Signal Generator
- Multi-meter
- Breadboard

Computer/Software

- MATLAB
- C, C++
- Assembly
- HTML, CSS, Javascript, JQuery
- Ruby, Sinatra
- Python
- Git
- General Data Structures and Algorithms
- Solid Works
- Microsoft Office

Factory/Production Equipment

- ICF Manufacturing Machines
- Packaging Machines for Large Boxes

ACADEMIC & CO-OP STATUS

Academic Program
- Electrical Engineering; 2 of 8 academic terms completed
- Anticipated date of graduation: May, 2022

Co-op Status
- Looking to Complete 1/5 Work Terms; available for 4 or 8 months beginning May, 2019

CO-OP WORK EXPERIENCE

N/A

TECHNICAL PROJECTS

Personal Website   **July 2018**
- Built a professional website from scratch using web development tools and languages such as HTML, CSS and Javascript.

Finstagram Web Application   **June 2018**
- Designed a spinoff demo version of Instagram using both front end and back end web development skills.
- Incorporated the use of HTML, CSS, Ruby and Sinatra as well as SQL for database entry.
- Developed user interface with login, signup and uploading/ posting images capabilities in a very Instragram-esque layout.

Snake Game   **May 2018**
- Developed Classic snake game on the web using Javascript.

Simons Game   **June 2018**

- Developed a memory game using a combination of Objective C and Data Acquisition(DAQ) simulator

OTHER WORK EXPERIENCE

Amvic Systems Manufacturing, Calgary, AB   **May 2018**
Production Assistant
- Assisted in the manufacturing and packaging of insulated concrete foams used to build the foundations of homes and structures.

VOLUNTEER WORK EXPERIENCE

Technical

Assistant Programming Instructor
Volunteered at Western Canada Human Association and assisted in teaching python computer langue to children from age 12-17

High School Associations (Westmount Charter 2014-2017)

Event Coordinator for Student Athletic Awareness Club
Involved in the production and setup for major athletic events.
Collaborated to make graphical designs for posters and advertisements.

Community Volunteering

Disabled Care in the Rehabilitation Program at Carewest Health Facility
-Engaged routinely in caring for and spending time with a disabled patient at the Health
Facility

Canvasser for Canadian Diabetes Association

Political/Government Volunteering

**Active Canvassing and Statistical Analysis of Demographics for Progressive
Conservative Party**
Sorted demographical statistics about voting outcomes and predictions.

EDUCATION

The University of British Columbia   Expected Graduation May 2022
Bachelor of Applied Science - Electrical Engineering

AWARDS

Alexander Rutherford Scholarship   2017
Suncor Energy Scholarship   2017-2021

PROFESSIONAL AFFILIATIONS/CERTIFICATIONS

Certification in Lighthouse Labs Web-Development Course   2018

ACTIVITIES AND INTERESTS

Athletics

- Core member of junior and senior basketball team from 2014-2017
- Junior Boys MVP of Basketball
- Weightlifting

Music

- Guitar/Trombone

Programming

- Interested in always learning new languages and creating new projects.
- All projects posted at my Github (https://github.com/sanids)