



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 Instagram-esque layout.

Snake Game

May 2018

- Developed classic snake game on the web using Javascript.

Simons Game

June 2018

- Using a combination of Objective C and DAQ simulator, developed a memory game where the user must enter the order of lights in the random order as presented to them.

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 foundation of homes and structures.

Assistant Programming Instructor, Calgary AB

June-Aug 2018

Volunteered at Western Canada Hunan Association and assisted in teaching python computer language to children from age 12-17

VOLUNTEER WORK EXPERIENCE

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
Bachelor of Applied Science - Electrical Engineering

Expected Graduation May 2022

AWARDS

Alexander Rutherford Scholarship
Suncor Energy Scholarship

2017
2017-2021

PROFESSIONAL AFFILIATIONS/CERTIFICATIONS

Certified Alumni of 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>)