# **ANDREW NGUYEN**

#### **COMPUTER SCIENTIST | TECH AND CODING ENTHUSIAST**

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in andrewsnguyen3

AndrewSpudNguyen

# **WORK EXPERIENCE**

#### **Computer Technician**

Carleton University, Sep 2019 - Mar 2020

- Set up and maintained computers both software and hardware inside of assigned labs across campus.
- Responded to computer issues by carefully troubleshooting and attempt to isolate as possible problems.
- Took inventory of various computer parts and replaced broken parts whenever necessary.

### **PROJECTS**

#### **Portfolio Website**

Personal Website, August 2021

- Used a combination of HTML and CSS alongside frameworks such as Bootstrap to create a website portfolio hosted on adfasf.
- Focused on making an intuitive easy to use design that is still aesthetically pleasing.
- Designed a responsive system to accommodate a wide range of devices and displays while still being responsive and optimized.

#### **Denas Therapy Device Simulator**

Course Project, February 2021

- Used C++ alongside QT creator framework to create an intuitive and responsive design.
- Simulator created with the help of many design diagrams such as use case and UML diagrams.
- Accurately simulated Denas Therapy Device with the use of multiple object oriented programming concepts.

#### **Restaurant Delivery Service**

Course Project, March 2019

- Designed a fully functional webstore with updating database.
- Through an effective use of Node.js, JavaScript and MongoDB and material design guidelines users are able to browse and purchase items.
- Items were dynamically generated based on a MongoDB database, managed by an administrative backend to easily add and manage items and inventory.

#### **Virtual Thrift Shop**

Hackathon Project, February 2018

- Developed a live online bidding process for more popular articles of clothing through use of effective javascript and MongoDB.
- Wrote backend in javascript to efficiently make secure transactions between regular purchases and bidding processes.
- Helped develop an easy to use front end where clothing information would be converted into JSON data to be efficiently used in the backend.

# **EDUCATION**

Computer Science Major

**Carleton University** 

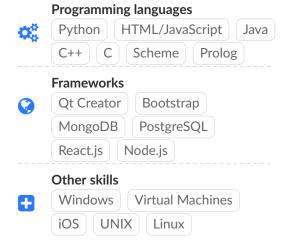
2017 - Currently

**General Biology** 

**Carleton University** 

**#** 2016 - 2017

# **SKILLS**



# **HACKATHONS**

CUHacking 2018 - Ottawa

**Participant** 

₩ 2018

# COURSEWORK

Operating Systems
Object-Oriented Software Engineering
Fundamental Web Applications
Databases Discrete Mathematics
Abstract Data Structures