

# ANDREW NGUYEN

COMPUTER SCIENTIST | TECH AND CODING ENTHUSIAST

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## 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

### Programming languages



Python

HTML/JavaScript

Java

C++

C

Scheme

Prolog

### Frameworks



Qt Creator

Bootstrap

MongoDB

PostgreSQL

React.js

Node.js

### Other skills



Windows

Virtual Machines

iOS

UNIX

Linux

## HACKATHONS

CUHacking 2018 - Ottawa

Participant

2018

## COURSEWORK

Operating Systems

Object-Oriented Software Engineering

Fundamental Web Applications

Databases

Discrete Mathematics

Abstract Data Structures