



Hammad Khan

Computer Science Student

I am an university student who is interested in pursuing a career related to Cybersecurity and technology.

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EDUCATION

Honours Coop Computer Science University of Waterloo

09/2020 - 03/2025

International Baccalaureate Diploma White Oaks Secondary School

09/2018 - 06/2020

EXPERIENCES

Vice President of Technology The Altruist

06/2020 - 01/2021

- Not for profit initiative run by students in delivering interactive and accurate news.

Tasks

- Collaborated to oversee the building of the website platform.
- Utilized Webflow together with frontend languages to create the website.
- Used Flourish to create data visualization for articles.
- In charge of hiring new developers.
- Demonstrated leadership skills and gained web development experience.

Volunteer EdgePrim Inc.

07/2020 - 08/2020

A startup company that creates websites for clients.

Tasks

- Collaboratively created websites with the other volunteers.
- Learned react native and Django rest framework to create applications.

Volunteer Northridge Longterm Care

05/2019 - 03/2020

A long term care facility for seniors.

Tasks

- Exercised sensitivity when interacting with Alzheimer's and dementia seniors.
- Learned to work with minimal supervision through one on one interactions with the seniors.
- Improved my ability to work independently and gained interpersonal skills.

LANGUAGES

Python

C++

HTML/CSS/Javascript

Django & Django REST

Webflow

C

React JS

Nodejs

Java

PERSONAL PROJECTS

Encryptions in C,C++, Python (03/2020 - 04/2020)

- Used hashlib and cryptography libraries in Python to encrypt images and .txt files.
- Replicated the Diffie Hellman Algorithm in C.

Physics Simulations in Javascript (12/2020 - 01/2021)

- Creating realistic physics simulations in pure Javascript.

Portfolio Website (09/2020 - 01/2021)

- Creating my personal website using React JS and Tailwind CSS.

Search Engine Webscraper (06/2020 - 06/2020)

- Used python to scrape popular search engines for search results.
- Took the search results and outputted them in csv files.

MISCELLANEOUS

DEEP Leadership (07/2018 - 07/2018)

Mathematical Reasoning in Game Theory (12/2018 - 12/2018)

Cybersecurity (12/2018 - 01/2019)

Simulations of the Quantum World (07/2019 - 07/2019)

Foundation of Quantum Mechanics (07/2019 - 07/2019)

Computational Physics (07/2019 - 07/2019)

SOFT SKILLS

Problem Solving

Communication

Leadership

Teamwork