Michael Li

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www.github.com/pseudobear

EXPERIENCE

BSS Music Council — *Software developer*

September 2019 - June 2020

- Revised and updated code bases to reduce complexity and improve functionality
- Developed web applications using Reactjs alongside 2 other developers

Handrock Software — *Web developer*

June 2019 - September 2019

- Coded websites using HTML, CSS, JavaScript and JQuery languages
- Planned website development by creating mockups and wireframes

Northern Karate Schools — *Instructor*

November 2018 - March 2020

- Evaluated student performance and communicated results with parents
- Separated complex techniques and concepts into simple parts to aid in student understanding

PROJECTS

www.michaelcli.com — *Ongoing*

- Personal website hosted on a DigitalOcean server
- Front-end constructed using vanilla HTML, CSS and javascript
- Experiment for custom written transitions and front-end designs

CTF Team — *Ongoing*

- Competed in cybersecurity CTF competitions twice a week
- Solved challenges using exploits such as buffer overflow, SQL injection, PHP reverse shells, YAML exploitation
- Gained familiarity with tools such as wireshark, postman and system traces

Instrument Sign-out App — *Spring 2019*

- React web application used for managing inventory of school-owned instruments
- Integrated a barcode system for instruments to insure integrity and improve user experience
- Developed using Firebase for rapid prototyping

SKILLS

Front-end web development (HTML, CSS, JS)

Reactjs

Java

Functional programming (Racket)

Firebase

Graph databases (Neo4j)

Shell and vim script

Linux

Cybersecurity

AWARDS

CCC 2020 Senior Honour Roll
Programming competition hosted by University of Waterloo

CTFTime #20 Canadian Team
Ranked #20 on CTFTime (a website for tracking CTF performance) for Canada

SyskronCTF 2020 top 77 of 1059
Ranked #77 in a CTF hosted by Syskron, a German tech company

EDUCATION

Bachelor's of Mathematics :
Honours mathematics, University of Waterloo

Expected graduation : 2025