CHRISTOPHER GAWDZIK

Software Engineer & Tech Geek

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EXPERIENCE

Teaching Assistant
Carleton University

📅 Jan 2022 - April 2022 📍 Ottawa, CA

As a Computer Science Teaching Assistant for COMP 2401 (Introduction to Systems Programming), I was conducting weekly office hours with a vast knowledge of C to assist under 200 students with assignments, debugging and developing test cases and deepening their understanding of course material through exercises

- Collaborating with the course staff to assess the classes progress through marking assignments, tests and exams and providing feedback to all 200+ students
- Communicating with students during tutorial sessions to answer student questions and to ensure all questions were answered properly and efficiently
- Doing pair programming exercises via tutorials and office hours to increase students understanding of complex topics such as threading, pointers, semaphores etc

Software Coordinator
FMM Tec Team

📅 Sept 2019 – Mar 2020 📍 Markham, CA

- Instructed lessons on Java and concepts such as OOP, modular programming, etc
- Prepared student members for the Waterloo Canadian Computing Competition (CCC)

PROJECTS

Pokemon Query Program
Client-Server

📅 2022 📍 Remote

- Pokemon Query Program that would take in a CSV file with hundreds of Pokemon and their descriptions and would sort the pokemon based on the user inputted Pokemon type. For instance user would input "Fire" a seperate csv file named "Fire.csv" would be created and all Pokemon of that type and their descriptions would be placed in "Fire.csv" all while communicating between Client-Server code and making use of Linked-Lists, Multi-Threading and Sockets to deliver a fast response to user. Created using the C programming language.

Cryptocurrency Converter
Java

📅 2021 📍 Remote

- Developed a cryptocurrency converter that would take in fiat currency and convert to ethereum, bitcoin, litecoin etc.
- Developed using http requests to an API in native Java

Wave Portal
Javascript

📅 2021 📍 Remote

- A one day project built with Solidity, JavaScript, HTML, CSS and an Ethereum Smart Contract. Allows people to hookup their Metamask Rinkeby test network wallet and send waves using the contract.

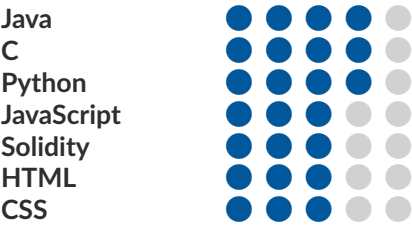## EDUCATION

BCs Honours
Computer Science
Carleton University

📅 2020 – 2024 📍 Ottawa, Canada

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STRENGTHS

Concurrent Programming
Software Architecture & Design
Design Patterns
Modular Programming
Object Oriented Programming
Functional Programming
Design by Contract

PROGRAMMING LANGUAGES

Java ●●●●○
C ●●●●○
Python ●●●●○
JavaScript ●●●○○
Solidity ●●○○○
HTML ●●●○○
CSS ●●●○○

TECHNOLOGIES

Git/Github ●●●●●
UNIX ●●●●○
MongoDB ●●●○○
GraphQL ●●○○○
Smart Contracts ●●●○○

LANGUAGES

English ●●●●●

FAVORITE QUOTE

"There is nothing more practical than a good theory"