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 Lead
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
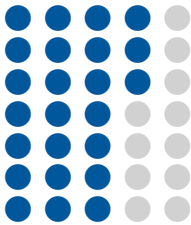Design Patterns
Modular Programming
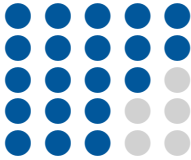Object Oriented Programming
Functional Programming
Design by Contract

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"