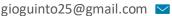
Tristan Guinto

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(289) 228-4997





Skills

Java

- Knowledge of Algorithms, Data Structures, and Object-Orientated Language
- Numerous Projects including Data Structures, Queues, Graphics, and Sound
- Proficient in the process of analyzing, designing, testing, and debugging programs

C++

- Designing and Implementing functions and elementary input and output processes
- Multiple programs including pictures, data management, and directories
- Basic understanding of C++ fundamentals and processing

Python

- Primary knowledge of data structures and function processes
- Basic programs including python data extraction from websites

SQL

- Knowledge of designing and implementing tables, constraints, and queries
- Collaborated and designed a large project including multiple relations and relationships

Academic Projects

Canada Games Chatbot Project

2022

With a large group of peers, a Chatbot application was made using a variety of languages. The Agile process was used to plan and implement user requirements. A Mongo dB database, python script, and React app was used for a tokenized chatbot application.

Chess Project 2020

Through a partnership with a fellow peer, a chess project was completed using java. A player vs. AI was completed with a user graphic interface. Through several algorithms such as mini-max and alpha beta.

Asteroids Remake Game

2020

A retro Asteroid remake made originally made for the Atari was finished using glut/openGL based on C and C++. The game's physics allows for momentum, drag, rotation, and a user graphic interface.

Neural Network for Person Quantity

2020

A neural network was developed for determining the number of people in a frame based on infrared radiation values. Some algorithms that were used were a feed-forward structure, back propagation, and logistic/activation functions. This was based on Java.

Education

SEPT. 2018 - 2023

Honours Bachelor of Science - Computer Science

Minor in Mathematics

Brock University, St. Catharines, Ontario

Brock Entrance Scholarship, 2018

Experience

2018 - PRESENT

Server / Hard Rock Café

- Professionally greet guests and ensure timely response to seating reservations and walk-ins
- Endure and excel in high-paced environments and stressful situations
- Collaborate with co-workers to multi-task competing priorities to ensure timely and exceptional customer service standards are met

2017 - 2018

Busser / Grand Café

- Assure a hygienic environment by organizing and cleaning tables, dishes, and silverware
- Comply and cooperate with customers and team members
- Maintain and preserve industry standards and policies

2016 - 2017

Waterpark Attendant / Great Wolf Lodge

- Initiate conversations and professionally inform of safety procedures
- Guest safety, float count, and ride maintenance standards are carefully regulated
- Ensure a hospitable environment

Honors and Awards

Brock Scholars Award

2018

The Brock Scholars Award is received through diligence, effort, and intelligence. Scholars with a minimum average of 80% may receive this award.

Mendez Scholarship

2018

A tribute towards the deceased Mendez, annually given towards respected individuals in their profession. It is a reward given towards hardworking and focused Filipino Scholars.

Gauss Proficiency Award

2013

Given towards those with great degree of mathematical problem-solving ability.