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| Tristan Guinto | |  |  | | --- | --- | | 4419 Montrose Road |  | | (289) 228-4997 |  | | gioguinto25@gmail.com |  | |

# Skills

# Java

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| * 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A retro Asteroid remake made originally made for the Atari was finished using glut/openGL based on C and C++.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.