

SANJE DIVAKARAN

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Skills

Languages	Java, Python, C++, JavaScript
Experience	HTML, CSS, Bootstrap, NodeJS, Python Flask, Git, OOP, REST API, Arduino
Traits	Leadership, Adaptability, Team-Player, Problem-Solving

Projects

Stat Goose

- Developed a website using **Python Flask framework** to showcase stats for NBA players and teams.
- Developed a few **REST APIs** using **Python Flask** to retrieve player related statistics and weather data.
- Hosted my **Web App** using **Azure Cloud**.

Hyper Typer

- Tests the user's ability to type under pressure and calculate their typing speed.
- The program programmed on **Java** and uses its **GUI** feature.
- Developed two games modes that users can entertain themselves with.

Income Tax Tool

- Navigates through list of transactions, by date, and computes the adjusted cost base (ACB) reporting for ETFs.
- Utilizes a variety of object-oriented programming principles. Implementation of several classes, instantiation of objects, operator overloads and linked lists.
- Developed using **C++**.

Geese-Spotter

- Utilizes several programming principles - use of pointers, dynamic memory allocation, several functions and nested for-loops.
- Created 2D game board and user menu. Players can customize the game board by providing the dimensions of the board and the number of geese.
- Developed using **C++**.

Experience

Secure Plus - Remote Configuration Technician

Jun. 2019 - Aug. 2019

- Help technicians on-site with IP configuration and setup.
- Help tested company's products and equipment to ensure products are safe and no malfunctions.
- Able to work quickly and **effectively under pressure**.

Education

University of Waterloo - Candidate for BAsC in Computer Engineering

2020 - 2025

- President's Scholarship of Distinction

June 2020