

JAMES YANG

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PROJECTS

Responsive Personal Website

📅 Fall 2021

[React](#) | [Tailwind CSS](#) | [Three.js](#)

Personal website that is built as a portal for showcasing completed and ongoing projects

- Rendered custom 3-D dark-mode supported background that utilizes Three.js library
- Responsive design that accounts for screen sizes, overflows, and styling
- React components properly separated to manage and debug website behaviors

Calculator Discord Bot - Wargroove

📅 Fall 2021

[Node.js](#) | [Discord API](#) | [Heroku](#)

Bot that handles custom damage inputs not natively offered in the game Wargroove

- Used in the official Wargroove discord channel
- Integrated Discord API features for interacting with Discord channel messages
- Custom built arg-parser to allow convenient user commands and supports precise error messages to aid user commands
- Twitch Chat integration for personal account

Natural Language Predictor

📅 Summer 2021

[Python](#) | [AI](#)

AI that creates a statistical model to predict sentence structures of given input

- Generated probability tables necessary for the creation of the statistical model
- Trained and created HHM (hidden Markov Model) for the AI to predict future inputs
- Assignment task for CSC384 (Intro to AI)

SKILLS

Languages

C, C++, Java, Python, HTML, CSS, JavaScript, SQL

Frameworks

React, Node.js, Express.js, jQuery, Tailwind CSS

Tools

Git, Expo, Regex, MySQL database tools, Heroku

EDUCATION

Honours Bachelor of Science

University of Toronto Scarborough Campus
Computer Science – Software Engineer Program

Relevant courses:

- Algorithm Design and Analysis
- Introduction to Software Engineer
- Artificial Intelligence
- Web Programming

EXPERIENCE

Warehouse Support and Analyst

Board Game Bliss

📅 May 2019 – April 2020

- Ensured timely dispatch and fulfillment of orders of both online store and in-store shipments for customer
- Reduced error rate of orders to less than 1% and effectively handling order correction for inventory accuracy and customer complaints
- Collaborated with store associates and demonstrated time management under pressure

Seasonal Landscaping Worker

Sunvalley Landscaping Ltd.

📅 June 2016 – August 2019

- Maintained flora, grass, and vegetation of various commercial and residential locales to customer standards
- Worked independently; took initiative and troubleshoot any issues that appeared
- Evaluated finished jobs for completion and improvements

Demonstrated consistent performance under physically demanding conditions