Jonathan Shanmuganantham

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SKILLS

LANGUAGES	Python, C++, HTML CSS, Javascript, Java
TECHNOLOGIES	React, Vite, Node, FastAPI, Bootstrap, Manifest V3
DEV TOOLS	Git/Github, Docker, Figma, Google Cloud Platform

EXPERIENCE

TORONTO DISTRICT SCHOOL BOARD | WEB DEVELOPER   Scarborough, ON | Apr 2023 – Present

- Worked on the new school site for Albert Campbell C.I. built with HTML CSS JS
- Integrated React and Node into the site

ALBERT CAMPBELL HACK CLUB | PRESIDENT   Scarborough, ON | Sep 2020 – Jun 2023

- Taught students Python, C++, and HTML CSS JS
- Hosted hackathons and mock contests to prepare for competitions
- Organized sponsorships with Hack Club

ALBERT CAMPBELL ROBOTICS TEAM | CAPTAIN   Scarborough, ON | Oct 2019 – Jun 2023

- Captained teams for competitions
- Programmed an autonomous Arduino terrain movement robot using C++ which won UofT's Robotics Competion
- Programmed an autonomous Sumo Bot which won 4th out of 60 teams at Ontario Tech University's Robot-Sumo competition

RG EDUCATION CENTERS | OFFICE ASSISTANT   Scarborough, ON | Jul 2021 – Aug 2023

- Evaluated student work and consulted with parents on their child's progress

PROJECTS

WEEBAPI | PYTHON, FASTAPI, SELENIUM, DOCKER, GOOGLE CLOUD RUN   github.com/JonnyACCI/weebAPI
This is a RESTful API to manage data on anime. Endpoints were created to facilitate the flow of information. After containerizing with Docker, it was hosted to GCP.

WEEBDACHI | REACT, JAVASCRIPT, VITE, NODE, BOOTSTRAP, FIGMA   github.com/JonnyACCI/weebDachi
This is a website for viewing and downloading anime that employs weebAPI. Users can easily find episodes to stream or download. It also serves as an anime encyclopedia.

SERENITY | HTML CSS JS, NODE, MANIFEST V3, WEBPACK, DEEPGRAM API github.com/JonnyACCI/Serenity
This is a Google Chrome Extension to monitor how fast one speaks during presentations and tells them to speed up or slow down. It also provides live transcription. Natural language processing was done with the Deepgram API. The extension makes use of Google's Beta Sidepanel API.

AWARDS

GOVERNOR GENERAL'S ACADEMIC AWARD GOVERNMENT OF CANADA | JUN 2023
Awarded to the graduating student with the highest academic standing at the secondary level

3X DISTINCTION ON CANADIAN COMPUTING COMPETITION UNIVERSITY OF WATERLOO
Top 20% of all competitors

EDUCATION

UNIVERSITY OF WATERLOO | BACHELOR OF COMPUTER SCIENCE   Sep 2023 - Apr 2028