

Justin Diep

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SKILLS

Languages: Python, JavaScript, HTML, CSS, C, C++

Frameworks and Libraries: React, Node.js, Express, Flask, Bootstrap

Tools and Technologies: SQL (PostgreSQL, MySQL), MongoDB, Heroku, Linux, Git

PROJECTS

The Hearth 🔗

A blog website about the Blizzard game 'Hearthstone'

Python, Flask, PostgreSQL, HTML & CSS

- Employed a **PostgreSQL** database to store related data about posts, comments, and users
- Designed **Flask** backend in line with RESTful architecture principles
- Used the flask_login library to register users on the website and create protected endpoints

IsItBusy? 🔗

A website that tracks the busyness of grocery stores

Python, Flask, MongoDB, HTML & CSS

- Integrated external **web APIs** in order to facilitate the ability to search for local grocery stores
- Connected a **MongoDB** database to **Flask** backend in order to send and store busyness data collected
- Applied a mathematical model to gradually reduce the weight of submitted data points over time

SpotifyStatTracker 🔗

A Python program used to track your Spotify listening habits

Python

- Leveraged the **Spotify API** and Spotipy library in order to regularly collect data about a user's listening history
- Utilised the smtplib library to send user weekly emails detailing analyzed stats about their listening habits

justin-diep.com 🔗

A sleek and responsive personal portfolio website

JavaScript, Express, HTML & CSS

- Developed a fully responsive frontend using **Bootstrap** and **JavaScript**
- Deployed website in the cloud using **Heroku** and configured custom page rules using **Cloudflare**

Dice N' Die 🔗

A webapp used to roll dies for RPG style game

JavaScript, React, HTML & CSS

- Created a beautiful and responsive frontend UI using **React**, **HTML**, and **CSS**
- Designed dynamic tabs using React Hooks to simulate a separate history and calculator page

EDUCATION

University of Waterloo

Bachelor of Computer Science

Sep. 2020 – Present

- **CAV:** 93.6%
- **Relevant Courses:** Elementary Algorithm Design, Object-Oriented Software Development
- **Scholarships:** President's Scholarship of Distinction

EXPERIENCE

Zehrs Markets

Hot Deli Clerk

Dec. 2018 – Aug. 2020

- Provided exceptional customer service and assisted shoppers to ensure consistent customer satisfaction
- Worked and collaborated in a team to carry out the day to day duties of the Zehr's Hot Deli department
- Lead training regiment of newer employees to ensure their success at the job