

# Justin Diep

COMPUTER SCIENCE · DEVELOPER

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## Skills

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<b>Languages</b>	HTML5, CSS, JavaScript, Python, C, JAVA, Dart, Bash
<b>Frameworks and Libraries</b>	Node.js, Express, Flask, Bootstrap, Flutter, React
<b>Tools and Technologies</b>	MongoDB, Git, MySQL, PostgreSQL, Heroku, Linux, Postman

## Education

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### University of Waterloo

Waterloo, ON

CANDIDATE FOR BACHELOR OF COMPUTER SCIENCE

2020 - Present

- CAV: 93.6
- President's Scholarship of Distinction
- Relevant Courses: Designing Functional Programs, Elementary Algorithm Design, Object-Oriented Software Development

## Projects

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### justin-diep.com

2021

- Created a personal website using HTML, CSS, JavaScript, Bootstrap, Node.js, and Express
- Implemented Nodemailer module in order to facilitate the ability to contact me through emails transported using SMTP
- Utilised EJS to create dynamic and functional HTML templates
- Deployed website using Heroku and configured custom page rules using Cloudflare

### The Hearth

2021

- Built a blog website about the Blizzard game Hearthstone using HTML, CSS, JavaScript, Bootstrap, and the Python framework Flask
- Used the flask\_login extension to authenticate users on the website and utilized the werkzeug package in order to securely encrypt and store users passwords
- Implemented a PostgreSQL database to store data about posts, users, and comments for the website

### IsItBusy?

2021

- Created a responsive website using HTML, CSS, JavaScript, Python and Flask that allows users to check the busyness of local grocery stores based on crowd-sourced data
- Used the Foursquare API in order to allow users to search for nearby grocery stores based on location, address, or name
- Connected site to a MongoDB Atlas database in order to store busyness data for reference
- Implemented a mathematical model to calculate precise busyness scores based on available data and the submission recency of each data point

### Simple Dice

2020 - 2021

- Developed a cross-platform mobile application utilizing Dart and the Flutter framework that allows users to roll combinations of different value dice
- Applied asynchronous Dart and used the csv package in order to store a user's dice roll history locally on their device

## Experience

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### Zehrs Markets

Barrie, ON

HOT DELI CLERK

2018 - 2020

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