Reezan Visram

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Key Skills

TECHNOLOGIES: JavaScript, JavaScript Frameworks (MongoDB, Express, React, Node), HTML/CSS, Python 2.8/3.5, Python Frameworks (Flask, Kivy, werkzeug), Java, MySQL, SQLite, C++, Visual Basic

Tools: Git Version Control, GitHub, Visual Studio Code, IntelliJ, Microsoft Office, Microsoft Teams

Education

UNIVERSITY OF WATERLOO **SEPT 2021- PRESENT**

Bachelor of Applied Science in Honours Computer Engineering, Co-op

Awards

- University of Waterloo - President's Scholarship of Distinction Award Recipient
  - Awarded for an admission average of 99%
- University of Waterloo - Richard and Elizabeth Madter Scholarship Recipient
  - Awarded to outstanding students entering Computer Engineering

Work Experience

HACK THE NORTHEAST **AUG 2020 – JUN 2021**

Frontend Developer

- Developed the frontend UI of the entire Hack the Northeast website (www.hackthenortheast.com) using React and Material UI
- Built out animations (sliding, fading, spinning, enlarging) using GSAP.js
- Created functional and informative components for over 1000 prospective participants to learn about and sign up for events
- Worked with graphic designers and provided recommendations to design teams to streamline and enhance the website
- Tested and fixed all components of the website before deploying to GitHub
- Used responsive design principles and technologies to ensure the website looked stunning on all screen sizes

  Technologies: ReactJS, Material UI, GSAP.js, Git, GitHub

DUNBARTON HIGH SCHOOL **JAN 2018 – MAR 2020**

Math Tutor

- Conducted one-on-one learning sessions for Mathematics
- Evaluated student performance and provided academic counselling as needed
- Selected as a "Peer Tutor" to aid struggling grade 9 students build the foundations necessary to succeed in Mathematics courses throughout high school and beyond

Software Projects (www.github.com/reezanvisram)

NHL SIMULATION

- A realistic simulation of an NHL season, using current rosters and player stats
- Used requests to hit NHL API endpoints to obtain up-to-date information about over 900 players
- Ranked all 900+ players relative to one another using 6 different stats from the API which enabled accurate simulation of any scenario during a game
- Used Kivy to create a GUI for the user to see critical information, such as team records and player stats as the simulated season continued
- Used py2exe to package into a windows executable file. File available at www.reezanvisram.com
  Technologies: Python (Kivy, requests, py2exe)

IMPROVEMINT | WWW.REEZANVISRAM.COM/IMPROVEMINT

- A self-improvement website where users can track tasks to complete and habits they want to build
- Used Flask to create a secure registration system, which stores user information securely by salting and hashing passwords using werkzeug
- Created a backend REST API using Flask Blueprints to allow retrieval of information about tasks and habits based on the user, while allowing for third-party interoperability
- Used Jinja2 alongside HTML and CSS to beautifully display this information to users
- Used Vanilla JavaScript to allow users to interact with their information
  Technologies: Python (Flask, werkzeug), HTML, CSS, JavaScript, MySQL

PILLSONWHEELS | DEPLOYED ON THE GOOGLE PLAY STORE

- An Android app for users to order and have their prescriptions delivered straight to their door
- Created over 10 React Native components to allow clients to view and order their prescriptions
- Built a backend REST API using Flask, to allow clients to access their prescription information
- Used Flask to create a secure registration system, which stores user information securely by salting and hashing passwords using werkzeug
  Technologies: React Native, Python (Flask), SQLite

COMPLETE CRISIS COVERAGE

- Deployed at www.reezanvisram.com/completecrisiscoverage
- A website to view COVID-19 Statistics from around the world
- Used Bootstrap CSS to style the website
- Used the requests library to get COVID-19 information for every country from the COVID-19 API
- Used Chart.js to display this information in beautiful, informative charts
- Used Flask with SQLAlchemy to store and display stories from people all around the world
  Technologies: HTML, Bootstrap, JavaScript, Python (Flask, SQLAlchemy)

Extra-Curriculars

CPR-C Certified	Standard First Aid Certified	Emergency First Aid Certified
Hackathons	Competitive Soccer	Piano/Music
OpenHacks 2020	MasseyHacks VI	Hack the Northeast