

Harnoor Singh Reen

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SKILLS

Programming Python • Java • C • C++

Web Development HTML5 • CSS • JavaScript • React.js • Bootstrap • AJAX • Node.js

Libraries PyGame • OpenCV • JavaSwing • Selenium • Java3D • Pandas • Tkinter

Databases PostgreSQL • MySQL • NoSQL

Operating Systems Windows • macOS • Unix • Linux

Other Scrum • Github • Git • Jenkins • MS Office • GCC • Latex • Azure DevOps

EDUCATION

BACHELOR OF COMPUTER SCIENCE (HONOURS) WITH SOFTWARE ENGINEERING SPECIALIZATION (CO-OP) | UNIVERSITY OF WINDSOR

Sept 2019 - Present | Windsor, ON

- University of Windsor's Entrance Scholarship Recipient

EXPERIENCE

UWINDSOR COMPUTER SCIENCE SOCIETY (CSS) | FIRST YEAR REPRESENTATIVE

Dec 2019 - May 2020 | Windsor, ON

- Elected by fellow first year students to advocate concerns and views
- Held regular, open office hours for fellow students

PROJECTS

BITWHEEL

Web Application (🐙 GitHub)

- A full stack web application for manufacturers and customers to upload and search information for car parts. Received two awards at BorderHacks 2020 including Runner Up of People's Choice Award and Winner of OneLedger Challenge
- **Technologies Used:** React.js, HTML5, CSS3, JavaScript, Blockchain

SORTING ALGORITHMS VISUALIZER

Algorithms Visualizer (🐙 GitHub)

- Developed an application which visualizes the sorting algorithms and sorts shifting array sizes in variable speeds according to various sorting techniques like Bubble Sort, Merge Sort and various others
- Also developed a web application for the same using Web Development technologies
- **Technologies Used:** Python, Tkinter, HTML, CSS, JavaScript

MICHAEL-SCOTT VIRTUAL ASSISTANT

Virtual Assistant (🐙 GitHub)

- Devised a virtual assistant using Python. Recognizes voice input and responds to greetings, trivia and covers basic functionality
- **Technologies Used:** Python, Pyaudio, Pytsx3, SpeechRecognition, SAPI5 (Microsoft Speech API)

CHATAPP

Java Application (🐙 GitHub)

- Real-time chat application based on the fundamentals of Socket Programming and inspired by WhatsApp
- Implemented a client-server architecture through Systems Programming in Java
- **Technologies Used:** Java, JavaSwing Library

EXTRACURRICULAR

BorderHacks - MLH Hackathon Winner, OneLedger Challenge and Runner's Up People's Choice Award (2020)

Windsor Video Game Design Club Co-Founder (2020)

Indian Students Association Vice-President Events (2020)

WinHacks- MLH Hackathon Organizer (2020)