Harnoor Singh Reen

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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

SKILLS

Programming C • C++ • Java • Python • Latex • PowerShell
Web Development HTML5 • CSS • JavaScript • React.js • Bootstrap • AJAX
Tools Git • Github • Unix • PyGame • OpenCV • BlockChain • Linux

PROJECTS

BITWHEEL
Web Application (🔗)

- A web portal for Manufacturers and Customers to upload and search information for car parts
- Combined to work on BorderHacks 2020. Won two awards including 2nd Place People's Choice Award and Winner of the OneLedger Challenge - Tracking Car parts from Manufacturer to Consumer
- **Technologies Used:**   React.js, HTML5, CSS3, JavaScript, BlockChain

ROADTRACKER
Tracking Program (🔗)

- Developed a tracking system which detects cars and pedestrians on roads through computer vision from dashcam videos
- Converts real-time frames into grayscale and then through Machine Learning algorithms detects cars and pedestrians on the road and assigns rectangles
- **Tehnologies Used:**   Python, OpenCV Library

FLAPPY BIRD
Game (🔗)

- Devised a side-scrolled game where the player controls a bird, attempting to fly between columns of green pipes without hitting
- **Technologies Used:**   Python, PyGame Library

SUBLETR
Web Application (🔗)

- A web application designed to make it simple for people in Canada to find houses and apartments available to sublet
- **Technologies Used:**   HTML5, CSS3, JavaScript, React.js, Python, BootStrap

EXTRACURRICULAR

BorderHacks - MLH Hackathon Winner, OneLedger Challenge and Runner's Up People's Choice Award
Windsor Video Game Design Club Co-Founder(2020)
Indian Students Association Associate Events (2020)
WinHacks- MLH Hackathon Organizer (2020)
Bhatnagar International School Model United Nations Secretary General (2017)
XXX BrainWave Annual Quiz Competition Runner's Up (2017)