Harshdip Singh Deogan

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EDUCATION

B.C.S. IN COMPUTER SCIENCE (HONOURS) | University of Windsor
September 2019 - August 2021 | Windsor, ON

EXPERIENCE

SOFTWARE DEVELOPER | Vistaprint
April 2019 – August 2019 | Tecumseh, ON
- **Completed independent project** of building internal software for scheduling 1000+ labour shifts and schedules from use-cases to final deployment Increased productivity by **reducing records changing time by 30 minutes** and **reducing number of clicks from 10 to 3.**
- Used **PHP** to build the web application and **SQL Server** to store and manipulate data

TEACHING ASSISTANT | University of Windsor
September 2018 – Present | Windsor, ON
- **Grade Assignments**, work with students one-to-one and hold **office hours** for the 'Social Media for End-User' course
- Help **design course material** for 'Web-Based Data Management', construct tests, prepare materials, grade assignments

LEAD WEB DEVELOPER | Clinical Trial Network
January 2019 – April 2019 | Windsor, ON
- Lead developer on a soon-to-be-released web service, created with **React** and **Node.js** to match cancer patients with real clinical trials.
- Queries government databases, using profiling and feedback from real doctors to build a recommendation system.

RECENT PROJECTS

SHARE THE RIDE
web application
- Web application made using with **Ruby on Rails** to find and post ride shares in an area

WDBORDERTRAFFIC
cross platform mobile application
- Created a **React-native** app for Play Store for showing Bridge and Tunnel traffic between **Detroit and Windsor**
- Interviewed by **CBC Windsor** on app release day for web and TV

UWINDSOR CSS HUB
open-Source web app
- **Open-source** work to help design a web application with **Ruby on Rails** for the University of Windsor's Computer Science Society to post school events for students to register for and add guests, join our Discord server, and find useful links/tools

LANGUAGES

BACKEND
Python • PHP • Java • SQL

WEB DEVELOPMENT
Ruby on Rails • HTML • CSS • JavaScript • jQuery

MOBILE DEVELOPMENT
React Native • Flutter

EXTRACURRICULAR

CS Games 2019, Montreal
Relay Programming, Mobile Development, DevOps

CUCSC 2019, Windsor
Web Developer and Advertisement

UWindsor Photography Club, 2018
Vice President

I Love My Haunted School
Written and published 160-page fiction novel at age 14

AWARDS

HACKATHONS
Far Far Away
McHacks V, Montreal (2018)
Best Use of Stdlib API
Hackwestern 4, London (2017)
Best Mobile Multi-Person Competitive Game Platform
Hackwestern 4, London (2017)

ACADEMICS
• Director's Honour Roll Recipient (2018)

• University of Windsor's Entrance Scholarship Recipient (2017)