

# Harshdip Singh Deogan

SOFTWARE DEVELOPER

Windsor, ON

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## Education

### BACHELORS IN COMPUTER SCIENCE [HONOURS]

UNIVERSITY OF WINDSOR

Windsor, ON

Sept. 2017 - Dec. 2021 (Expected)

- Director's Honour Roll Recipient
- University of Windsor's Entrance Scholarship Recipient

## Work Experience

### DELOITTE

FULL STACK DEVELOPER CO-OP

Kitchener, ON

Jan. 2020 - April 2020

- **Developing solutions** at Deloitte's innovation lab **DSpace**, working in an Agile environment for a next-gen project
- Created an iOS application to develop a **feedback system** for Deloitte practitioners to capture data-driven insights to **support future bids**
- This tool improved **analysis of business outcomes by 70%** by integrating **Azure CosmosDB with Tableau**
- Developed a Chrome plugin that performs real-time translation of Deloitte's internal web pages using **Node.js** and **AWS translate service**

### VISTAPRINT

FULL STACK DEVELOPER CO-OP

Tecumseh, ON

April 2019 - Dec. 2019

- Worked on a **full development cycle** of building internal staffing software for scheduling shifts and schedules of 1000+ workers
- Using **PHP, JavaScript, jQuery and AJAX** to build the web application and **SQL Server** to store and manipulate data
- Improved labour records changing time by **150%** and reduced number of clicks to change a record **from 10 to 3**

## Skills

#### BACKEND

Python • Ruby • Node.js • Java • SQL Server • MySQL

#### WEB TECHNOLOGIES

Ruby on Rails • React • PHP • JavaScript • jQuery • AJAX • HTML5 • CSS3

#### MOBILE DEVELOPMENT

React Native • Flutter • Swift

#### CLOUD

DigitalOcean • AWS • Azure • GCP

## Recent Projects

### DW BORDER TRAFFIC

ANDROID 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

### SHARE THE RIDE

WEB APPLICATION

- Developed a web application using **Ruby on Rails** and **mySQL** as database to find and post ride shares in an area

### UWINDSOR CSS HUB

WEB APPLICATION

- **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 Discord server, and find useful links/tools

## Honors & Awards

- 2019 **Ranked 4th** | ACM International Collegiate Programming Contest (ICPC)
- 2018 **Best Use of Stdlib API** | Hackwestern 4, Western University
- 2018 **Best Mobile Multi-Person Competitive Game Platform** | Hackwestern 4, Western University

## Extracurricular

- 2020 **WinHacks** | MLH Hackathon founder and organizer
- 2020 **CS Games 2020** | Web development, Relay Programming, Mobile Development
- 2019 **Teaching Assistant** | University of Windsor
- 2019 **CS Games 2019** | Relay Programming, Mobile Development, DevOps
- 2019 **Canadian Undergraduate Computer Science Conference (CUCSC)** | Web developer
- 2014 **I Love My Haunted School** | Novel