

# Harshdip Singh Deogan

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## EDUCATION

### BACHELORS OF COMPUTER SCIENCE (HONOURS) | UNIVERSITY OF WINDSOR

September 2017 - April 2021 | Windsor, ON

- Major in Computer science with minor in Mathematics
- Director's Honour Role Recipient

## EXPERIENCE

### DELOITTE | FULL STACK SOFTWARE DEVELOPER

Jan 2020 - April 2020 | Kitchener, ON

- Developed an iOS application to create 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 using smoother UI and cleaner visual metrics
- As a side project, developed a Chrome plugin that performs real-time translation of Deloitte's internal web pages using **AWS cloud service**
- **Technologies used:** Swift, Python, Flask, Azure CosmosDB, AWS, Node.js

### VISTAPRINT | FULL STACK SOFTWARE DEVELOPER

April 2019 - August 2019 | Tecumseh, ON

- Developed a **full-stack POC and MVP product** as the sole developer, which involved: creating a **PHP dashboard** to view, change and delete records of workers at the plant, integrate with **SQL Server** database, and setting up templates for further expansion of the application
- Improved labour records changing time by **150%** and reduced number of clicks to change a record **from 10 to 3**
- **Technologies used:** PHP, Laravel, JavaScript, jQuery, SQL Server, Bootstrap

## RECENT PROJECTS

### WD-BORDER-TRAFFIC

cross-platform mobile application (📱/WDBorderTraffic)

- Created a mobile application that shows Bridge and Tunnel traffic between **Detroit and Windsor**. The traffic information is **web-scraped** from official Ambassador Bridge and DW Tunnel websites. I was interviewed by **CBC Windsor** on app release day for web and TV
- **Technologies used:** React Native, Python, BeautifulSoup, Heroku

### UWINDSOR CSS HUB

open-Source web app (📱/UWIndsor/hub)

- **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
- **Technologies used:** Ruby on Rails, Ruby, JavaScript, jQuery, Bootstrap

## SKILLS

**Programming Languages** Python • Ruby • Java

**Web Development** Ruby on Rails • React • PHP • JavaScript • Node.js • jQuery • AJAX • HTML5 • CSS3

**Mobile Development** React Native • Swift • Flutter

**Tools** DigitalOcean • AWS • Azure • GCP • Heroku • SQLServer • MySQL • Git

## EXTRACURRICULAR

**Career Advisor, Computer Science Society** Elected representative at the University of Windsor (2020)

**WinHacks - MLH hackathon** Founder and Organizer (2020)

**ICPC Local Programming Competition** Achieved 4th position (2019)

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

**I Love My Haunted School** Written and published 160-page fiction novel at age 14 (2014)