

# HARSHDIP SINGH DEOGAN

University of Windsor, Software Developer

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in deogan

## EXPERIENCE

Software Developer

DELOITTE

📅 Jan 2020 - April 2020

📍 Kitchener, ON

- **Developed 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**

Full stack Software Developer

VISTAPRINT

📅 May 2019 - Dec. 2019

📍 Tecumseh, ON

- 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**

## EXTRACURRICULAR

- **Career Advisor** | Elected representative of Computer Science Society, UWindsor (2020)
- **WinHacks** | MLH Hackathon Founder and Organizer (2020)
- **Teaching Assistant** | University of Windsor (2018-2020)
- **CS Games 2019** | Relay Programming, Mobile Development, DevOps 2019
- **Canadian Undergraduate Computer Science Conference (CUCSC) 2019** | Web Developer (2019)
- **I Love My Haunted School** | Published fiction novel (2014)

## HONOURS AND AWARDS

- **Ranked 4th** | ACM International Collegiate Programming Contest (ICPC Regional) (2019)
- **Far Far Away** | McHacks, McGill University (2018)
- **Best Use of Stdlib API** | Hackwestern 4, Western University (2017)
- **Best Mobile Multi-Person Competitive Game Platform** | Hackwestern 4, Western University (2017)

## EDUCATION

BSc Computer Science [Honours]

University of Windsor

📅 Sept 2017 - April 2021

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

## TECHNICAL SKILLS

Languages

Python, Ruby, Node.js, Java

Web Development

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

Mobile Development

React Native, Flutter, Swift

Cloud and Database

DigitalOcean, AWS, Azure, GCP, Heroku, SQL Server, MySQL

## PROJECTS

WD Border Traffic

- 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

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

UWindsor CSS 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 Discord server, and find useful links/tools

Arrest the Guest Pest

- **Cross-platform** application "Arrest the guest pest", which alerts a user in case of a theft, such as vehicles or other important assets.
- Used **Python, Microsoft Azure and Google Cloud Firebase** APIs to build the back-end and **Flutter** to design the front-end.