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 | Software Engineer
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** and back-end in **Node**
- **Technologies used:** Swift, Python, Flask, Azure CosmosDB, Mongo, AWS, Node.js

VISTAPRINT | Full stack software developer
April 2019 – Dec 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

SKILLS

Back-end 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

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

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)