Harshdip Singh **Deogan**

SOFTWARE ENGINEER

Windsor, ON

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Education

University of Windsor   *Windsor, ON*

B.S. IN COMPUTER SCIENCE HONOURS   *Sept. 2017 - Dec. 2021 (Expected)*

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

Work Experience

Vistaprint   *Windsor, ON*

SOFTWARE DEVELOPER   *April 2019 - Present*

- Designing/building internal software for tracking 1000+ labour shifts and schedules from use-cases to **final deployment.**
- Using **ASP.NET MVC** framework to build the web application and **SQL Server** to store and manipulate data.

University of Windsor   *Windsor, ON*

TEACHING ASSISTANT   *Sept. 2018 - April 2019*

- **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.

Skills

Back-end   Python • Ruby • Java • C# • SQL • Google Firebase • PHP

Front-end   JavaScript • React • jQuery

Frameworks   Flutter • Ruby on Rails • ASP.NET • Django

Recent Projects

University of Windsor CSS Events site   *Open Source Project*

FULL-STACK WEB APPLICATION   *Jan. 2019*

- **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.

Language Roulette   *Personal Project*

INTERACTIVE WEBSITE   *April 2019*

- An interactive web app made in **Ruby on Rails** that helps a user decide which programming language to learn.

Arrest the Guest Pest   *UofT Hacks - Toronto, ON*

FULL-STACK WEB APPLICATION   *Jan. 2019*

- **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.

I Love My Haunted School   *Novel*

AUTHOR   *Nov. 2014*

- Wrote a published **160-page** fiction novel at the age of 14.

Honors & Awards

2018   **Far Far Away** | McHacks V, McGill University   *Montreal, QC*

2018   **Best Use of Stdlib API** | Hackwestern 4, Western University   *London, ON*

2018   **Best Mobile Multi-Person Competitive Game Platform** | Hackwestern 4, Western University   *London, ON*

Extracurricular

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

2019   **Canadian Undergraduate Computer Science Conference** | Web developer

2018   **University of Windsor Photography Club** | Vice President