

Harshdip Singh Deogan

SOFTWARE ENGINEER

Windsor, ON

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Education

University of Windsor

B.S. IN COMPUTER SCIENCE HONOURS

Windsor, ON

Sept. 2017 - Dec. 2021 (Expected)

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

Work Experience

Clinical Trail Network

LEAD WEB DEVELOPER

Windsor, ON

Jan. 2019 - Present

- Lead developer on a soon-to-be-released web service, created with **React** and **Node.js** to match cancer patients with real clinical trials
- Queries government databases, using profiling and feedback from real doctors to build a recommendation system

University of Windsor

TEACHING ASSISTANT

Windsor, ON

Sept. 2018 - Present

- **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 • Java • Ruby • C • PHP • SQL

Front-end JavaScript • React • jQuery • Flutter

Frameworks Ruby on Rails • Google Firebase • Django

Recent Projects

University of Windsor CSS Events site

FULL-STACK WEB APPLICATION

Personal Project

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

Language Roulette

FULL-STACK WEB APPLICATION

Personal Project

Feb. 2019

- An interactive web-app built with **Ruby on Rails** to help a user decide which programming language should they learn

Arrest the Guest Pest

FULL-STACK APPLICATION

UofT Hacks - Toronto, ON

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

AUTHOR

Novel

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 (March 22-25, 2019)

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

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