

# Harshdip Singh Deogan

SOFTWARE ENGINEER

Windsor, ON

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## Work Experience

### Clinical Trail Network

Windsor

LEAD WEB DEVELOPER

Jan. 2019 - Present

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

### University of Windsor

Windsor

TEACHING ASSISTANT

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

Personal Project

FULL-STACK WEB APPLICATION

Jan. 2019

- Worked with senior to help design a website with **Ruby on Rails** for University of Windsor's Computer Science Society to post school events for students to register for and add guests

### Which Programming language to learn

Personal Project

FULL-STACK WEB APPLICATION

Feb. 2019

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

### Arrest the Guest Pest

UofT hacks

FULL-STACK APPLICATION

Jan. 2019

- **Cross-platform** app "Arrest the guest pest", which alert a user in case of a theft, like vehicles or other assets of importance.
- Made with technologies like **Flutter** and **Python** to build front and back end the and **Microsoft Azure** and **Google Cloud Firebase** for API calls.

### I Love My Haunted School

Novel

AUTHOR

Nov. 2014

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

## 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

## 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

## Honors & Awards

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

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