Harshdip Singh **Deogan**

SOFTWARE ENGINEER

Windsor, ON

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Work Experience

Clinical Trail Network   *Windsor, ON*
LEAD WEB DEVELOPER   *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   *Windsor, ON*
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*
- **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   *Personal Project*
FULL-STACK WEB APPLICATION   *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   *UofT Hacks - Toronto, ON*
FULL-STACK 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

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*

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