

# Harshdip Singh Deogan

<http://hsdeogan.com>  
deogan@uwindsor.ca | 519.981.7441

## EDUCATION

**UNIVERSITY OF WINDSOR**  
**BCS - COMPUTER SCIENCE**  
**(HONOURS)**  
Expected Dec 2021 | Windsor, ON

## LINKS

Github:// [HarshdipD](#)  
LinkedIn:// [deogan](#)  
Devpost:// [HarshdipD](#)

## SKILLS

### PROGRAMMING

Back-end Technology  
Python • Java • Node.js • Dart  
SQL • PHP • C

Front-end Technology  
JavaScript • React • jQuery  
Flutter • React-Native • HTML5  
CSS3 •  $\text{\LaTeX}$

Frameworks  
Materializecss • SemanticUI  
Foundation

APIs  
Microsoft Azure • Google Cloud

Softwares  
Adobe Creative Cloud

### LANGUAGES

English • Hindi • Punjabi  
French: Basic Proficiency

## COURSEWORK

Data Structures and Algorithms  
Object Oriented Software Analysis and Design  
Artificial Intelligence Concepts  
Database Management Systems  
Languages, Grammar and Translators  
Computer Architecture

## EXPERIENCE

### TEACHING ASSISTANT | UNIVERSITY OF WINDSOR

September 2018 – Present | Windsor, ON

- Grading assignments, work with student one-to-one and hold office hours for Social Media for End-user course
- Help designing Web Based Data Management course, construct tests, prepare materials, grade assignments

### VIDEOGRAPHER | ST. DENNIS CENTER, UNIVERSITY OF WINDSOR

September 2017 – Present | Windsor, ON

- Worked on creating promos, posters and animations to promote university's basketball team using Adobe creative cloud

## RECENT PROJECTS

### ATGP | UNIVERSITY OF TORONTO HACKS

January 18-21 2019 | Toronto, ON

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

### RECIPE UNLIMITED | PERSONAL PROJECT

Started January 2019

- Started working on a cross-platform application that find you recipes and makes a grocery list from the ingredients of the chosen recipe.
- Using Google's Flutter as front-end for cross-platform compatibility and Ruby for backend.

### CHOOSE MY PROGRAMMING LANGUAGE | PERSONAL PROJECT

Started February 2019

- Started working on an interactive web-app with React to help a user decide which programming language should they learn

### I LOVE MY HAUNTED SCHOOL | NOVEL

November 2014

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

## AWARDS

2018	University of Windsor: Director's Honour Role
2018	McHacks V Winner: "Far Far Away" prize
2017	HackWestern 4 Winner: Best Use of StdLib API
2017	HackWestern 4 Winner: Best Mobile Multi-Person Competitive Game Platform
2017	University of Windsor: Entrance Scholarship Recipient

## EXTRA-CURRICULARS

2019	Part of the website team for CUCSC 2019 to be held in University of Windsor
2019	Attended 5 hackathons till date, won a total of 3 prizes
2018	Vice President of University of Windsor's Photography club
2017	Videography VP of University of Windsor's Photography club