

# Harsh Patel

## Software Engineer

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### Education

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#### Western University

Sept 2016 - 2020

Bachelor of Engineering Science, *Software Engineering*

Relevant Coursework: Data Structures I & II, Cloud Computing, Artificial Intelligence, Final Year Capstone Project

### Experience

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#### Deloitte Consulting – Toronto, Canada

May 2018 – Sept 2018

##### Software Developer – Technology Consulting

- Developed a live video streaming service to replace traditional phone-based customer service initiatives for a leading Canadian Call Center
- Built a new solution to expedite automotive claims process in Canada using computer vision and deep learning sold to a Top 5 Canadian Insurance Company for \$5 million
- Created a web application to provide data insights about customer demographics and satisfaction using computer vision and machine learning for one of Canada's largest private sector employers

#### Deloitte Consulting – Toronto, Canada

May 2019 – Sept 2019

##### Business Technology Analyst, Omnia AI

- As Project Manager, led the development of an AI-powered highlight-reel platform for eSports
- Developed testing reports, completed User Acceptance and System testing, communicated with the client to understand system requirements for a Cloud Migration project
- Performed an RFI (Request for Information) by gathering requirements, developing system architecture and constructing a project plan

### Projects & Awards

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#### When We Listen – Best Machine Learning Hack, Hack Western 4

Using NLP and ML, analyzed Twitter accounts to identify individuals suffering from bad mental health

#### Fortiflex – Best Healthcare Hack Runner-Up, Hack Yale 2017

Developed an application to allow users to perform their daily physiotherapy exercises and track their progress using the MYO armband and a web application

#### Pulse – Best Technical Implementation, EnactusHacks 2020

A mobile app allowing users to book medical appointments at nearby clinics by scanning their health card to transfer medical data to a web dashboard presented to medical professionals aiming to decrease wait times

### Technical Skills

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**Programming Languages** – Python, JavaScript, Java, C++, SQL, MongoDB, HTML/CSS

**Frameworks and Libraries** – Tensorflow, React/React Native, Flask, Express, NodeJS,

**Platforms** – Amazon Web Services (EC2, Dynamo DB, Lambda), Google Firebase, GCP