

Harsh Patel

Software Engineer

Hpate45@gmail.com 905-802-0392 www.linkedin.com/in/harsh-patel1 <https://harshp.ca>

Education

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

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

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

ReminderX
Built a pill dispenser with an Arduino allowing users to schedule using a smart Chatbot or with voice activation

Technical Skills

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