

# Aman Patel

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## EDUCATION

### UNIVERSITY OF WINDSOR | BACHELORS OF COMPUTER SCIENCE HONOURS CO-OP

Expected December 2021 | Windsor, ON | President's Honour Roll • Cum. 95.7% • Major 93.4%

## EXPERIENCE

### FULLSCRIPT | CO-OP DEVELOPER (RUBY ON RAILS)

January 2020 – Present | Ottawa, ON

- **Back-end developer** on Engineering team working on adding features to Fullscript's website using **Ruby on Rails** affecting tens and thousands of patients and medical practitioners in the US and Canada.

### NOKIA | SOFTWARE TESTER CO-OP

April 2019 – August 2019 | Ottawa, ON

- Worked with senior test engineers (Network and Service management Team) to develop software solutions which allow our customers to manage their networks
- Created automation scripts (**XML**, **JavaScript**) to simulate various management activities and network scenarios
- Executed the regression test using **mocha** as a testing framework, published the result and developed additional functionality

## RESEARCH

### EVALUATING LOCATION PRIVACY IN VEHICULAR NETWORKS, OUTSTANDING SCHOLAR

Sept 2019 – Present | Windsor, ON

- Working with Dr.Arunita Jaekel to develop realistic traffic models to evaluate different pseudonym changing strategies in terms of standard performance metrics such as entropy and tracking success rate

### CONSTRUCTING HYBRID DEEP LEARNING METHODS FOR SOCIAL NETWORK ANALYSIS, OUTSTANDING SCHOLAR

Sept 2018 – April 2019 | Windsor, ON

- Worked with Dr.Ziad Kobti to Survey and classify existing Deep Learning methods and the various artificial neural networks types and their uses
- Aimed to design and build a hybrid prototype and compare it to DL and EC methods on benchmark and synthetic networks to test their accuracy, performance and scalability

## PROJECTS

### SHARE-THE-RIDE | WEB APP

- Created a web application using **Ruby on Rails** in collaboration with a classmate. This app helps people find ride share near them easily (Database: **SQLite**)

## LANGUAGES

### PROGRAMMING

Java • Shell • JavaScript

• Python • C • C#

### TECHNOLOGIES

Ruby on Rails • HTML • CSS

• Node.js • React • Git

• Jira • GraphQL • MySQL

### OS

• Windows • Linux

## EXTRACURRICULAR

### CS Games 2019, Montreal

• Web-development, Reverse Engineering, Relay Programming

### Messenger Price Check (HackTheNorth, 2019)

• Created a Messenger Bot using **Facebook's Messenger API** and **Google's Firebase** which monitors the price of amazon products

## AWARDS

• Ranked 4th in ACM-ICPC local contest

• President's Honour Roll Recipient

• University of Windsor's Entrance Scholarship Recipient

• Computer Science Society Award

• Outstanding Scholar Recipient