Aman Patel

715 Randolph Avenue Windsor ON Canada N9B2T7 | patel1wq@uwindsor.ca | (416)-475-8101

https://www.linkedin.com/in/aman-patel19/ | https://github.com/amanpatel123

EDUCATION

UNIVERSITY OF WINDSOR | Bachelors of Computer Science Honours Co-op
Expected December 2021 | Windsor, ON | President's Honour Roll • Cum. 96% • Major 95%

EXPERIENCE

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

Messenger Price Check (HackTheNorth, 2019) | Web/Mobile App
- Created a Messenger Bot using **Facebook's Messenger API** and **Google's FireBase** which sends message to the user when the price of selected amazon products drops

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**)

Unity Space-Shooter Game | Unity Project
- Developed a fully functional space shooter game in **Unity** using **C#**

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

Clinical Trial Network (Start Up), Back-End Developer

• Lead developer on a soon-to-be-released web service, created to match cancer patients with real clinical trials

AWARDS

SCHOOL
• President's Honour Roll Recipient

• University of Windsor's Entrance Scholarship Recipient

• Computer Science Society Award

• Outstanding Scholar Recipient