Aman Patel

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EDUCATION

UNIVERSITY OF WINDSOR
Bachelor's of Computer science(Honours Co-op)
December 2021 | Windsor, ON
• Cum 95.7% • Major 95.4%
(President's Honour Roll)

SKILLS

PROGRAMMING LANGUAGES
Ruby • Java • Shell • JavaScript
• Python • C • C# • HTML • CSS

TECHNOLOGIES
Ruby on Rails • Node.js • React • MySQL
• Stimulus.js • Git • Jira • GraphQL

OS
macOS• Windows • Linux

EXTRACURRICULAR

Head of Technology (Uwindsor Computer Science Society)

• Responsible for development, debugging, implementation of changes, and maintenance of the **Computer Science Society website**

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

EXPERIENCE

FULLSCRIPT | Software Developer Intern
January 2020 – August 2020 | Ottawa, ON

- Contributed to Fullscript's design system which is a collection of reusable Ruby Components built using **View Component** gem and **Stimulusjs**
- In a team of 4, implemented SSO login using **SAML, Ruby, React, and GraphQl** which allows admins to login using Okta
- Reduced retail order search time from **7s to 155ms (97% improvement)**
- Improved customer service agents workflow by reducing the time taken to impersonate those patients who have never signed in to their Fullscript account from **40sec to 11sec**
- Migrated Finance app which was an external app to Fullscript admin portal

NOKIA | Software Tester Intern
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 – Dec 2019 | Windsor, ON

- Worked 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

Language-X | Web App | (React, Node, Express, MongoDb)
May 2020 – August 2020 | Remote

- In a team of 5 developers and 1 designer, created a MVP which aims at providing language courses from the worlds best language professionals

Share-the-ride | Web App | (Database: MySQL)
Sept 2019 | Windsor, ON

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