

Manan Patel

mananpatel.tech

manan.patel@outlook.com

(519) 801 - 8404

Education

University of Toronto

Bachelor of Science
Computer Science / Statistics

Machine Learning and Data
Mining Stream (3rd year)

Skills

Programming Languages

Experience using:

Java • Swift • Python

Familiarity with:

JavaScript • HTML/CSS
R • SQL • C# • Kotlin

Design Tools

Xcode • Android Studio
Adobe Suite • Bootstrap

Awards

2017 - UTSC Sustainability Maker Challenge

Designed a food saver app that
reminds you if your food is expiring
3rd Place

2016 - UofT Hacks

Outlined a real time room
occupancy app using Arduino PIR
motion sensor modules

2013 - Innovation Award Junior Achievement London

Created a business that creates
backpacks from recycled T-shirts

Interests

Cooking • Basketball
MMA • Gardening • Football

Work Experience

Environment & Climate Change Canada | Software Developer

May 2017 – Present | Toronto, ON

- Developed an iOS weather application Swift from concept to completion. Responsible for iOS MVC design, several important UI elements like weather alerts, GPS tracking, and using CoreData.
- Created XML decoders using Java along with Python scripts to parse incoming raw weather station data to a digital format for the use of the general public.

University of Toronto | Research Assistant

Oct 2016 – Dec 2016 | Toronto, ON

- Developed a database of economic information about the countries of Peru and Canada using Python, SQL and PHP.
- Used R to formulate data into regressional models and created economical reports based off certain requirements.

Academic Advising & Career Centre (AA&CC) | Web Developer

May 2015 – August 2016 | Toronto, ON

- Created an iOS application that allows passers-by to view and interact with a slideshow of graphical and web content. Written in Swift.
- Helped develop an internal ticket system and a social media plan that increased visits to the site by 30% while decreasing the amount of time taken for social media posts.

Highlighted Projects

UiTube | Chrome extension for a cleaner and functional Youtube UI

- A chrome extension that changes the Youtube UI so that users can view the video, read comments, get the video info and related videos all in 1 page as well use night mode, auto disable annotations, etc..
- Written using mainly JavaScript, HTML, and CSS. Uses the Youtube and Google API's.

Globo Gym | Real-time room booking app

- Globo Gym is a scheduling application that allows users to book rooms in a gym, but can easily be extended to any type of facility.
- The Globo Gym platform uses Sockets to notify other users as soon as there is a new booking, so that no booking conflicts occur.
- Written using JavaScript (Angular, Node, JQuery), MongoDB