Manan Patel

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Education

University of Toronto

Bachelor of Science - Computer Science & Statistics

Expected grad date: May 2019

Skills

Languages

Experience using:
Java • Swift • Python

Familiarity with:
JavaScript • HTML/CSS
R • SQL • C# • Kotlin
React • XML

Technical Tools

Xcode • Android Studio
Git • Bootstrap • Tableau

Awards

2017 - UTSC Sustainability Maker Challenge
3rd Place
Designed a food saver app that reminds you if you food is expiring

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 – August 2018 | Toronto, ON

- Developed the official government iOS weather application using Swift from concept to completion. In a small agile team, I was heavily involved in developing several important elements like real-time weather alerts, GPS tracking, CoreData management, and overall design.

- Created XML decoders using Java used 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 to analyze the effect of trade policies on regional trade output.

- Created the data using Python and SQL. Used R to formulate data into regressional models and created economical reports based off certain requirements.

Academic Advising & Career Centre | 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 JavaScipt, 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 JavaScipt (Angular, Node, JQuery), MongoDB