MANAN PATEL

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EXPERIENCE

Wattpad Inc. · Toronto, ON
iOS Engineer · Aug 2021 - Present

- Native Swift and Obj-C engineering for the iOS Wattpad application, specifically the User Profile and Reader
- Sole engineer responsible for the Mute/Block User client side functionality
- Currently establishing a design system of reusable components to enable faster development across the app by standardizing buttons, label, etc. through an atomic design methodology
- Created architectural diagrams and on-boarding material as part of modernization of hiring effort

Environment & Climate Change Canada · Toronto, ON
Software & iOS Developer · May 2017 - July 2021

- Developed WeatherCAN, official mobile weather application for Environment Canada where I was one of 2 developers responsible for creating the iOS application from concept to completion within 12 months.
- Created and maintained features such as UIKit components, real-time GPS based notifications, MapKit charting, CoreGraphics graphing, and CoreData management.
- Created Java based XML parsers and product generators that create weather data output for the use of the Canadian public. Data is produced and used in real-time operations across all national media and social outlets (such as CTV, Cp24, Global News, etc.) to disseminate weather information to Canadians.

Department of Economics, University of Toronto · Toronto, ON
Statistical Research Assistant · Sept 2016 - Dec 2016

- Developed machine learning models of economic information about the countries of Peru and Canada to analyze the effect of trade policies on regional trade output.
- Created databases using Python and R based pre-processing techniques which were used to formulate and train machine learning models to generate inferences about efficient trade policies.

SKILLS

Programming Languages:	Swift, Java, Python, JavaScript, R, Objective-C, Kotlin, React
Tools:	XCode, Android Studio, Git, Jenkins, Firebase, Docker, Sketch
Databases:	CoreData, PostgreSQL, MongoDB

EDUCATION

University of Toronto · Toronto, ON
Bachelors of Science (Co-op) - Computer Science & Statistical Machine Learning · Sep 2013 - May 2019

PROJECTS

GroSaver *Swift*
An iOS application that uses OCR to read receipts and reminds you when your food is expiring to reduce food waste. Reads users grocery receipts and after a period of time reminds them when the types of food they bought are expected to go bad. Written in Swift and uses the CoreML to parse the data from the images and APNS to send notifications.

UiTube *JavaScript, HTML, CSS*
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 APIs.