ANIRBAN KUMAR

Edison, NJ

732-331-0111

anisingh2000@gmail.com | anirbankumar.github.io | github.com/anirbankumar | linkedin.com/in/anirbankumar

EDUCATION

Rutgers University, New Brunswick, NJ   **May 2022**
B.A. - Information Technology and Computer Science

SKILLS

Programming Languages: Swift, Python, Java, Kotlin, HTML, CSS, JavaScript, C
Technologies & Frameworks: AWS, UIKit, Core Data, ARKit, SwiftUI, Firebase, APIs, Numpy, Pandas, Git

WORK EXPERIENCE

Capital One - *Associate Software Engineer*   **Present**

Working with internal teams to assess, troubleshoot and fix issues to Capital One's services using AWS and Splunk.

Capital One - *Software Engineering Intern*   **June 2021 - August 2021**

Converted the bank statements portion of Capital One's Android mobile banking app from Java to Kotlin.
- Reduced average bank statement loading and downloading times from ~6 seconds to ~3 seconds.
- Added accessibility features and localized the feature for 7 languages to better serve users.

T-Mobile - *Software Engineering Intern*   **October 2020 - May 2021**

Worked with the Operations Support Systems team to help identify issues in T-Mobile's nationwide network.
- Built a dashboard using HTML, CSS and JavaScript to show latest network equipment data.
- Converted Python scripts to store data in a database, reducing load times from several minutes to 5 seconds.

Verizon - *Software Engineering Intern*   **June 2020 - August 2020**

Assisted the Network Partnerships team by analyzing network traffic and planning 5G deployment based on historical data
- Built an automated reporting tool in Python to compile statistics from CSV files into user friendly models, reducing reporting time from hours to minutes.
- Helped standardize over 30 GIS mapping tools into one centralized platform, enabling easier access to essential tools.

PROJECTS

Whole Foods Automated Delivery *(Python, Selenium, BeautifulSoup, AppleScript)*   **April 2020**
A Python script that automates ordering groceries from Whole Foods
- Parsed Whole Foods' website using BeautifulSoup and used Selenium to automate the checkout process, increasing the odds of a successful checkout by an order of magnitude.
- Created an AppleScript to text the user when an order was placed successfully.

This or That Polls *(Swift, Firebase, Core Data)*   **March 2020**
An iOS app that enables users to vote anonymously on polls and create polls for other users to vote on
- Utilized Google's Firebase to save user and poll information in real time.
- Implemented Core Data to save user's progress without the need of an account.

Locate It AR *(Swift, ARKit, Core Data)*   **September 2019**
An iOS app that uses the device's GPS and compass data to augment pins of saved location in the real world
- Used iPhone's GPS and compass data to detect user location and orientation and displayed pin of saved locations using ARKit.
- Saved location information using Core Data for persistent in-memory storage.

AWARDS

Apple's WWDC Scholarship Recipient (x2)   **2017 & 2019**

A scholarship program run by Apple that is given to 350 students worldwide for showcasing their technical ability using Swift and other Apple technologies. Chosen students are invited to attend their developer conference, WWDC and interact with engineers and attend sessions regarding new technologies.