

ARAFAT ARMAN

(646) 875-0632 | arafatarman616@gmail.com | github.com/AAAliBaba

EDUCATION

The City College of New York
B.S, Computer Science magna cum laude

Aug 2016 – May 2020

SKILLS

Languages: C/C++, Python, SQL, C#, JavaScript, HTML, CSS

Technologies: GitHub, React, Docker, Xamarin, .NET Core

RELEVANT COURSEWORK

Data Structures	Algorithms	Software Design Lab	Computer Architecture
Database Systems	Operating Systems	DevOps	Software Engineering

WORK EXPERIENCE

DNR Events, LLC.

Software Developer

Sept 2019 - Present

- Developed a cross platform MVVM mobile application using Xamarin Forms that enables 1,000+ subscribers to download and stream premium podcasts
- Developed a REST API using ASP .NET Core and Entity Framework to provide mobile backend support and WordPress account authentication
- Containerized the REST API using Docker to decrease deployment cost by 37% and ensure 24/7 uptime through redundancy

Software Intern

Feb 2019 – Sept 2019

- Reduced RSS feed update time by 90% by implementing a dynamic XML code generator, resulting in a streamlined upload process

PROJECTS

Tweet Watcher

Oct 2020

- A React-Express web application that utilizes Twitter's filtered stream API and Socket.io to provide a real-time feed of tweets that contain user-inputted keywords

Stock Market Simulator

May 2020

- Developed a React web application with a team of 5 using Agile methodology that serves as a closed environment where users can learn about the stock market through experimentation and simulated events
- Utilized Cloud Firestore for database operations and authentication, NodeJS for routing, Redux for application state management and Material-UI for the user interface

Document Sharing System

Dec 2018

- Web application that enables users to create, edit and share documents with other users
- Designed and developed with a team of 3 using Waterfall methodology and Django framework

ACTIVITIES

CUNY Fall Hackathon

Oct 2019

LoKey – Top 10 finalist mobile application developed by a team of 3 that aims to enable users to enter their home quicker and safer using NFC and fingerprint recognition.