AMEEN AHMED

Full Stack Developer

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EDUCATION

COMPUTER ENGINEERING

University of Virginia | 09/2015 - 05/2019

School of Engineering and Applied Science

GPA: 3.45/4.0

PERSONAL PROJECTS

MusicAll

07/2018 - Ongoing github.com/Ameen-Ahmed/MusicAll https://music-all.herokuapp.com/

- A Node.js, Angular 6, and Express web application that allows users to search for music across multiple media streaming platforms
- Interfaces with several 3rd party APIs, including Spotify, YouTube, iTunes, and Audiomack. Uses a headless browser for web scraping when a public API is unavailable

TheSudan

01/2018 – Ongoing github.com/Ameen-Ahmed/TheSudan https://thesudan.herokuapp.com/

- Platform for the promotion of Sudanese history, politics, and culture, with an interactive map providing region detail on mouse over
- Developing and designing full stack of site, using Django framework

SongSearch

07/2017 - 08/2017 github.com/Ameen-Ahmed/SongSearch

- Native Windows application that searches YouTube, SoundCloud, and Audiomack for a song given the name and/or artist
- Designed full SW architecture, Python backend performs web scraping of 3rd party sites

TECHNOLOGIES

- Python, Django
- PHP
- Node.js, Express
- Angular, TypeScript
- C, C++
- HTML, CSS, JavaScript
- MongoDB, MySQL
- Git, Heroku
- Gulp.js, Webpack
- Bootstrap

ACADEMIC PROJECTS

VOTING SYSTEM

Requirements Manager (Advanced Software Development)

01/2018 - 05/2018

- Implemented an E-Voting System for the State of Virginia - with a focus on identifying stakeholder requirements
- Django, Docker Environment, JSON data REST API to export data to trusted parties
- Utilized SCRUM Development Methodology to coordinate team of 9

REPIT

Primary Backend Developer (E-Commerce Technology)

01/2018 - 05/2018 github.com/Ameen-Ahmed/RepIt

- Developed an event merchandise marketplace platform to help users buy/sell concert and other event memorabilia
- PHP backend, Bitcoin Payment Processing

ACTIVITIES

Machine Learning Club (MLC)

- Host lectures on machine learning and team up for competitions to teach students about Machine Learning

Student Hip Hop Organization (SHHO)

- Explore the art and industry of Hip-Hop. Host events such as concerts and listening functions

Sustained Dialogue

- Engage groups of students in weekly dialogue on a wide range of socio-economic topics