DEVIN UPRETI

234-716-8218 | devinupreti11@gmail.com | Syracuse, NY
https://www.linkedin.com/in/devinupreti/ | https://github.com/devinupreti

EDUCATION

Syracuse University   *Master's degree - Computer Science | Aug 2017 – May 2019*
CGPA - 3.86 out of 4 | Key Courses: Artificial Neural Networks, Analytical Data Mining, Object Oriented Programming, Design and Analysis of Algorithms, Internet Programming

Amity University   *Bachelor's degree - Computer Science | July 2013 – May 2017*

TECHNICAL SKILLS

Python | C++ | C# | HTML | CSS | Javascript | .Net Core | Octave | Matlab | SQL | Haskell

WORK EXPERIENCE

Elutions
Data Scientist Intern   *May 2018 – Aug 2018*
- Implemented Data Analysis and Statistical Modeling to aid in the optimization of energy consumption of multinational organizations
- Developed automated cluster mapping system using Python and Javascript to improve and enhance user-facing dashboards
- Created Data Visualizations to communicate extracted insights regarding energy optimization to clients. Applied Linear Regression for Interpolation and other data filling methods for filling missing data values

PROJECTS

Remote Code Repository   *C++, C# | Jan 2018 – May 2018*
- Developed a Remote Code Repository for supporting file persistence, management of versions, and the acquisition and publication of source and document files
- Built windows-based software capable of displaying package categories based on metadata stored in the NoSql database using C++ and implemented the user interface through C# and WPF. Supported query-based retrieval of collections of filenames by defining categories, filenames, dependencies, and versions

Soliso   *Android | Oct 2017*
- Partnered with another engineer to develop a mobile application for searching Gifs using audio and image inputs at HackNY. The application was developed in a short time frame of 15 hours
- Integrated Clarifai and Giphy APIs into the mobile application. The application was successful in delivering matching results for voice and image-based gif search

Face Recognition System   *Python | Dec 2016 – Apr 2017*
- Implemented a Computer Vision project which employed Machine Learning and Pattern Recognition to perform face recognition on a sample of 30 students. The data generated by the system was used to mark their class attendance
- Performed Face Detection by utilizing Haarcascades and Face Recognition with Local Binary Patterns Histogram in the system

RESEARCH EXPERIENCE

Sentiments of Users in Social Networks   *Nov 2018 – Present*
- Analyzed over 90 million data points to establish insights about the emotional well-being of users on social media platforms