Shubham Jain
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EDUCATION

Carnegie Mellon University Pittsburgh, PA
Master of Information Systems Management Expected: 11/2021
Courses: Data Mining and Business Intelligence SAS, Database Management, Economic Analysis

Vellore Institute of Technology Vellore, India
Bachelor of Technology in Computer Science 05/2018
Courses: Data Structures and Algorithms, Object Oriented Programming, Agent Based Intelligent Systems, Soft Computing, Database Systems, Software Engineering and Project Management.

- GPA: 3.92/4.00(as per WES)

SKILLS

Languages: SQL, Python, C, C++, C#
Scripting: PowerShell, Perl
Tools: GIT, MDT, TFS
Framework: Windows Presentation Framework (WPF), WinForms

WORK EXPERIENCE

Philips HealthCare Systems Bengaluru, India
Software Engineer - Magnetic Resonance (MR) Department 07/2018– 05/2020

- Migrated the windows operating system's bios type from 'Legacy' to a more secure type 'UEFI', also ensuring smooth back and forth movement during the upgrades and downgrades of a software release version.
- Provided a cost-effective solution by upgrading the MR backup and restore tool integrated with 'Acronis' to using Microsoft's native backup restore tool 'Wbadmin' to perform the volume level backup using WPF technology.
- Developed applications and structured scripts that customizes different aspects of operating system and basic Windows UI elements conforming to MR specific requirements.

Philips HealthCare Systems Bengaluru, India
Software Development Intern - Magnetic Resonance (MR) Department 01/2018– 06/2018

- Designed and developed automation suite for windows operating system deployment with complete MR SW configuration on different hardware platforms, reducing the turnaround time from 14man days to 4 hours.
- Implemented and managed to improve the code quality metric of MR Codebase from 'E' to 'A' without hampering the code flow.

ACADEMIC PROJECTS GitHub: https://github.com/shubham070696

Predicting the Status of H-1B Visa Applications using Python 06/2020

- Developed classification models to predict if the H-1B petition filed will be accepted or rejected.
- Implemented Naïve Bayes, Logistic Regression and Random Forest algorithms to predict H-1B acceptance/reject and analyzed their performances using the ROC-AUC curve.

Analysis of Hotel Booking using Python 05/2020

- Developed a Random Forest classification model using Python to help the hotels/resorts understand the potential factors responsible for a cancellation of a booking.

College Placement Hiring Pattern 04/2020

- Prepared the data by extensive EDA, performed data cleansing and preprocessing and identified the factors that are most important in helping a student getting hired using feature selection in python environment.
- Performed the feature scaling and built models like Random Forest, K-nearest Neighbors and Support Vector Classifier to predict if a student will get hired.

LEADERSHIP

Team Up to Win Award, Philips Culture Awards, Philips Healthcare Systems 04/2019
Student Head - Institution of Electronics and Telecommunication Engineers (IETE-VIT) 05/2017 - 04/2018