James Rohan Gangavarapu

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EDUCATION

GEORGIA INSTIUE OF TECHNOLOGY Atlanta, GA | May 2020
MS Computer Science (Computing Systems and ML)

GEORGIA STATE UNIVERSITY   3.6/4.0 Atlanta, GA | December 2017
BS Computer Science (Software Systems), Minor: Mathematics; Cum Laude

EXPERIENCE

APPLICATION DEVELOPMENT INTERN, RESULTS COMPANIES Atlanta, GA | May - July 2018
- Part of a multinational Software Engineering Team in a Scrum setting
- Designed the underlying SQL Server architecture [EER Schemas, Tables, Stored Procedures(T-SQL), and the frame work policies] toward a framework for social media-style real time user notifications. Architected solutions to bind UI to DB
- Analyzed complex business process and investigated business rules applied by ETL stored procedures

DATA SCIENCE AND MANAGEMENT INTERN, INDIAN INSTIUE OF MANAGEMENT Online|June - July 2017
- Analyzed data sets and critiqued best business practices vis-à-vis Big-Data, Data Analytics and Data Driven Business Management
- Built a linear regression model for Room Rent using R, analyzed Hotel related data of 42 different cities in India

STUDENT ASSISTANT, LIBRARY CURVE GSU Atlanta, GA | August - December 2017
- Collaborative University Research and Visualization Environment for Data Visualization and High-Power Computing. Regulated appointment schedule, troubleshot and fixed workstations including the CURVE-Wall and Bloomberg Terminals
- Assisted in organizing events including *Data in ATL*. Recognized for my work by the Associate Dean

PROJECTS

MULTI USER GROCERY LIST, ANDROID APPLICATION (TEAM LEAD) August-December 2017
- Created a Multi User Grocery List Android App using a remote MySQL database, Android SDK, Android Studio, GitHub and Waterfall

VIRTUAL TRAVEL AGENT, WEB APPLICATION (TEAM LEAD) August-December 2017
- Created a Web based Virtual Travel Agent (HTML, CSS, PHP, JavaScript, jQuery, MySQL). Implemented a User System, that could book flights, reserve parking, rent cars and track purchases

MACHINE LEARNING (TEAM LEAD) August-December 2017
- Predicted Missing Gene Micro Array Data using PCA, imputed and classified new instances, of another 5 different Datasets using PCA and Random Forest in R

HOTEL MANAGEMENT SYSTEM August-December 2017
- Implemented a reservation system, employee database, inventory management system with partitioned levels of employee system access. Used the waterfall method, MVC design pattern, Git, UML, Java, JavaFX and SQLite database

SKILLS

Oracle Certified Associate Java I

PROGRAMMING LANGUAGES: Java, Python, C, C++, R, JavaScript, PHP

DATABASE: SQL (SQL Server, MySQL, SQLite), NoSQL(MongoDB)

OS: Linux, Windows

WEB FRAMEWORKS: C-SOCKETS, HTML, CSS, jQuery, AJAX

VERSION CONTROL SYSTEMS: Git

NOTABLE ACCOMPLISHMENTS

Hack GSU 2017 Judge, MLH Hackathon Atlanta, GA | November 2017
- Selected as the only undergraduate Hackathon Judge representing the Computer Science Department and ACM-GSU at HackGSU

WEB MASTER, ACM GSU Atlanta, GA | May-December 2017
- Selected to be the Web Master, responsible for online member management, co-recruiting, and co-organizing events, increased recruitment by 60%
- Co-organized ACM events and workshops. Assisted in organizing HackGSU

LEAD FULL STACK WEB DEVELOPER, COMPUTER SCIENCE CLUB GSU Atlanta, GA | May-December 2017
- Elected to be the Web Master, responsible for online member management and organizing events