

Navnish Danayakapura Suresh

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EDUCATION

Master of Science in Computer Science

University of Texas, Arlington

Aug 2019 – May 2021

GPA: 3.8

Related Courses: Data Mining | Web Data Management & XML | Advanced Algorithms | Artificial Intelligence | Machine Learning | Advanced Topics in Databases

Bachelor of Engineering in Information Science

RNS Institute of Technology, Bengaluru, India

Aug 2014 – July 2018

First Class

Related Courses: Data Structures with C | Web Applications | Operating Systems | C Programming | OOP with C++ | Unix System Programming | Networks

PROJECTS

Content Based Recommendation System using genres and tags

- Created a recommendation system that recommends the most relevant movies to the user.
- The system takes movies that a user currently likes as input and develop user profile using the content (genres, tags & user ratings) of the movies.
- Using user profile, system calculates weighted average score of movies not rated by user and recommends movies based on the score.
- The project was implemented using Python Pandas and NumPy.

Trend Analysis on an IMDb Dataset

- Implemented multiple projects based on Map-Reduce using Hadoop and NSF based XSEDE cloud platform.
- Applied Apache Pig and Hive based projections to compare the performance.

Area Based Restaurant Finder

- Created an Android application using Android Studio to search all the restaurants, event halls and their details in a particular area and book them.
- The project was implemented using Java, Firebase real-time database and Google Maps API to show directions.

WORK EXPERIENCE

Textron, Bengaluru, India

Graduate Engineer

Aug 2018 – July 2019

Student Intern

Jan 2018 – June 2018

- One of 3 students from my batch of 200, who were offered an engineering internship during the final semester.
- Automating complex business processes using iRequest, Microsoft SQL Server, JavaScript and HTML.
- Worked on automating Procurement process and IT Service Management process.
- Developed a workflow for automating Onboarding process which makes sure all the access is made available to the new employee on their first day.
- Point person in a team of 3 to gather requirements from the Product Managers and design solutions.

COMPUTER KNOWLEDGE

Programming Languages: Python, Java, C++, C, SQL.

Frameworks/Tools: Eclipse IDE, Microsoft SQL Server Management Studio, Android, Hadoop, Spark, iRequest, Microsoft Visual Studio, GitHub.

Web Programming Languages: HTML5, CSS, PHP, XML, JavaScript.

Database: MySQL, NoSQL.
