

Yaswanth Reddy Manukonda

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EDUCATION

George Mason University, Fairfax, VA

Expected May 2023

Master of Science in Computer Science

GPA: 4.0

Coursework: Applications of Data Mining, Mathematics for Computer Science, Computer Systems and Fundamental Programming

K L University, Vijayawada, India

Jun 2014 – May 2018

Bachelor of Technology in Computer Science and Engineering with specialization in Data Engineering

GPA: 8.19/10

Coursework: Data Structures, Database Management Systems, Big Data Analytics, Data Mining, Artificial Intelligence

SKILLS

Programming Languages: Python, Java, Go, JavaScript, Groovy, AppScript

Databases: MySQL, Oracle, Liquibase

Tools: AWS, Git, Visual Studio Code, Pycharm, Eclipse, Tableau, Jenkins, Gocd, JIRA

Operating Systems: Windows, Mac OSX

EXPERIENCE

Engineering/Technology Student Advisor | George Mason University

Aug 2021 – Present

- Implementing algorithms using python that can scrape the required data from the university websites.
- consulting the Mason students during the drop-in hours where I use my professional experience and guide them with right resources to achieve their desired career goals

Assistant Manager – Software Development | IDFC First Bank | India

Dec 2020 – Jul 2021

- Identified and delivered the key features of online banking in the payments squad.
- Monitored and fixed failures in the build journeys of the mobile and web backend services.
- Managed a team of 4 to get stories delivered every sprint on time.

Systems Developer | Ather Energy | India

Feb 2020 – Dec 2020

- Built and developed microservices to consume the data from the smart electric scooter using Go Lang.
- Developed interfaces to collect data from tools used in the organization and visualized them using tableau.
- Worked on the supply chain data to understand, predict and enhance the supply chain process.

Project Engineer | Wipro Technologies | India

May 2018 – Jan 2020

- Developed software using a spring framework that assigns the newly created incidents round the clock to the support engineers working in those hours.
- Automated URL, Database, Server, Tidal, and Log monitoring for 100+ applications that the client has.
- Implemented automation scripts using JAVA and Selenium that sends the weekly/monthly reports to the appropriate teams.

Tech Intern | Electronics Corporation of India | India

May 2016 – Jun 2016

- Developed a web application using Java and MySQL that made creating and managing the bookings easier for a gas agency.

PROJECTS

Image Clustering

Sep 2021

- Implemented K Means algorithm to cluster the data processed and stored in vector format and achieved an accuracy of 92%.

Movie Review Classification

Sep 2021

- Implemented Nearest neighbor classification algorithm from scratch and used that to classify the data
- Handled text data, designed and engineered features from text data and achieved a Root mean square error of 0.90

Chit Funds mobile application

Mar 2020 – Apr 2020

- Developed a hybrid mobile application that has features like google authentication, creating chits, searching chits by date, alerts notifications on the chit day, marking of completed chits, deleting chits and also Interest calculator (includes simple and compound calculation)

Inventory Management | Hi-tech Modern Schools | Hyderabad, India

Dec 2017 – May 2018

- Balance Amount maintenance for students, Stationery/Books (Inventory) sell or return maintenance
- Up to date alerts for parents upon sell/return using Twilio API, Stock management for Store Owner

Software for registration of Participants/Students | SAMYAK

Apr 2016 – May 2016

- Developed a software which can store and print details of participants/visitor with a unique fest ID.

ACCOLADES

The Panache – Best Newcomer Accolade | Wipro | Bangalore, India

Sep 2019

PRAGATI Accolade | Wipro | Bangalore, India

Aug 2019

Thinking Hat | Wipro | Bangalore, India

Dec 2018

Technical Fest Organizer | K L University | Vijayawada, India

Jan 2015 – May 2017