

KARANAM SAHUL KRISHNA

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Education

George Mason University

Jan 2021 – May 2023

Data Analytics Engineering

Fairfax, Virginia

Master of Data Analytics Relevant Coursework- Data Mining, Enterprise Web Application, Software Project Management, Big Data, Machine Learning

Gitam University

June 2016 – May 2020

Computer Science

Hyderabad, India

Relevant Coursework- Operating Systems, Object Oriented Programming, Software Engineering, Design and Analysis of Algorithms, Data Structures, Computer Networks, Database Organization System, Artificial Intelligence

Technical Skills

Languages: Python, Java/J2EE, C, HTML 5.0, CSS, JavaScript, MySQL, Linux, MongoDB

Developer Tools: VS Code, Eclipse, Google Cloud Platform, Android Studio, Power BI, Github, IntelliJ, ControlM, SOAPUI, JMeter

Big Data: Hadoop, HBase, Spark, Apache Spark, AWS

Areas of Expertise: Tableau, Matlab, VMWare, Wireshark, Microsoft Office (Teams, Excel, Powerpoint, Access), Certified VFX designer

Experience

George Mason University

May 2021 – Jan 2021

Graduate Teaching Assistant

Fairfax, Virginia

- Assisted and guided a class of 100 students; Performed all teaching duties, including mentoring, researching, and clerical help.
- Helped students in labs to perform Wireshark, MS Excel, etc and using various Data Analytics software and tools including Tableau and SAS.
- Supervised students in performing MS Access, Visualizations.

George Mason University

Feb 2021 – May 2021

Graduate Research Assistant

Fairfax, Virginia

- Developing Geoweaver Application for NASA.
- Fixed Bugs and enhanced the code for Geoweaver application in developing stages
- Assisting Dr. Ziheng Sun to complete the development of Geoweaver, an open-source Earth AI workflow software.
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Gitam University

June 2017 – May 2018

Web Developer

Hyderabad, Telangana

- Build a dynamic website for the inter-collegiate display event.
- Helped Used HTML, CSS, PHP, Apache Server, etc.
- Part of a 10-member team and hosted a stable webpage.

Academic Projects

Artificial Intelligence based on Solar Bott | Python, Google Cloud

January 2019

- Operated as team lead and handled the backend web page development.
- Technologies used: Digital Image Processing, Python, Machine Learning.

Video Hashing | Java, Digital Image Processing, SQL

June 2019

- Designed this project as a back-end developer to check if the original video is modified.
- Technologies used: SQL, Digital Image Processing, DBMS.

Extracurricular

Conference Presentations

May 2019

- “International Conference on Advances in Computers Smart Technologies” Mar 2019 Presented an Idea for developing an Ad-based smart Application.
- Presented 5 ideas to use the physical web in different parts of the city and make the city smarter in “Big Data and Smart Cities” International Conference 2018. Was Among Top 10 Best Ideas.