

Akhil Maddineni

Graduate Computing Analyst

Actively looking for a Data Scientist. Worked as a Graduate Computing Analyst and Software Engineer for more than 2 years with competence in Python, Machine Learning Algorithms, Deep Learning, Statistics, Data Analysis and problem-solving skills.

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TECHNICAL SKILLS

Programming Languages	: Python, SQL, Java
Databases	: MySQL, MS Access, NoSQL
Big Data Technologies	: Hadoop, Spark, MapReduce
Machine Learning Frameworks	: TensorFlow, keras, scikit-learn
Web Technologies	: HTML5, CSS, Bootstrap 4, JavaScript, C#
Developments Tools	: PyCharm, Visual Studio, Git, Anaconda

EDUCATION

- Master of Science (MS): Data Science and Analytics** Expected in 05/2020
Georgia State University - Atlanta, GA **GPA: 3.83**
- Bachelor of Technology: Electronics/Electrical Engineering** 07/2017
Manipal Institute of Technology - Manipal, India **GPA: 3.6**

WORK EXPERIENCE

Graduate Computing Analyst 05/2019 to Present
Georgia State University – Atlanta, GA

- Designed visualizations for International Agreements and study Abroad program using Tableau and used them for effective resource planning, which led to 8% reduction in the overall cost
- Configured Single Sign On for all the websites of the Department using Open ID Connect, which reduced the overhead of logging multiple times
- Web crawling and data blending using Python to provide quantitative analysis of university-wide dataset

Software Engineer 10/2017 to 07/2018
Tata Consultancy Services – Hyderabad, India

- Collaborated with Statistical Analysis team and developed a logistic regression model to classify the category of incidents which saved time and increased resolved incidents ratio from 95% to 97%
- Designed visualizations of incident and service requests to identify business insights which helped to improve the service

RESEARCH PROJECTS

- Plutus – Budgeting app – Maintains and tracks your budget based on voice commands**
Technical Stack - Python, Flask, Google Cloud, Speech to Text, Entity Analysis, Word2Vec, PyCharm
- Serve prediction for Multiple players in Tennis**
Technical Stack - Python, TensorFlow, pandas
- Gender and Age classification of unfiltered faces using Neural Networks**
Technical Stack - Python, TensorFlow, OpenCV, PyCharm
- Emotional Analysis of Twitter Users using Natural Language Processing (NLP)**
Technical Stack - Python, scikit-learn, pandas, NumPy, matplotlib, Bag-of-words, tf-idf, Jupyter Notebook