Akhil Maddineni

Graduate Computing Analyst

(470) 363-3788

amaddineni2@student.gsu.edu

Atlanta, Georgia

maddineniakhil.github.io

LinkedIn/98384684

github.com/maddineniakhil

Actively looking for a Data Scientist role that offers me the opportunity to research and work on cutting-edge technologies in Machine Learning. Worked as a Graduate Computing Analyst and Assistant Systems Engineer for more than 2 years with competence in Python, Machine Learning Algorithms, Deep Learning, Statistics, Data Analysis and problem-solving skills.

TECHNICAL SKILLS

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

Assistant System 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