

VEDADATTA GOURIPEDDI

Phone: +1-(480) 205-1938 | vedadatta@gmail.com
Linked in: www.linkedin.com/in/vedadatta-gouripeddi

PROFESSIONAL SUMMARY

Experienced data scientist with expertise in building fast and accurate machine learning models. Apply data modeling, warehousing and visualization techniques using various tools to provide actionable insights from data. Good at public speaking and communicating effectively.

TECHNICAL SKILLS

Java, C, Python, R, SQL, MySQL, SQL Server, NoSQL, SSIS, MATLAB, Weka, Scala, XML, Oracle DB, Tableau, and MS Excel

PROFESSIONAL EXPERIENCE

02/2017 to Current **Data Scientist**

University of Nevada — Las Vegas, NV, USA

- Collect and model data to integrate disparate data sources and mine data using SQL server to support analytical needs
- Applied python pandas data manipulation techniques to analyze trend and make the time series data set stationary
- Perform quick time series analysis using ARIMA and ARMA models for short term weather forecast
- Design and visualize interactive results using tableau for easier understanding

08/2013 to 08/2016 **Cyber Security Analyst-Research Assistant**

University of Nevada — Las Vegas, NV, USA

- Collected and modeled data to detect and predict malware, their root causes and security incidences
- Used R cyber security analytics to determine security vulnerability.
- Integrated ADS-B device into small UAS to overcome cyber threats.
- Teaching assistant in database management systems and data structures

03/2010 to 08/2013 **Senior Sourcing Engineer**

Schneider Electric India — Bangalore, KA, INDIA

- Analyzed historical cost, service, material and other data to provide key insights on cost variances and delivery deadlines.
- Used various analytical tools and applications to develop and present reports to leaders and stakeholders of varying levels of technical and business knowledge
- Implemented six-sigma to optimize supply chain processes
- Developed cross functional expertise by working in the areas of purchase planning, contracts and procurement, sourcing and product life cycle management.

EDUCATION

2016

Master of Science: Computer Science
University of Nevada — Las Vegas, Nevada, USA

Academic Courses: Advanced DBMS, Machine Learning, Advanced information security, Information Assurance, Scheduling Algorithms, Computer Networks, Cryptography

2009

Bachelor of Technology: Computer Science
Jawaharlal Technological University, Hyderabad — INDIA

ACADEMIC PROJECTS

- **Master's Thesis:** Analyzed security threats in UAS communication and navigation. Developed and implemented methods to integrate ADS-B into small UAS to overcome the security threats in communication and navigation. Proposed architectural configurations provided significant improvements in UAS collision avoidance.
- **Academic Research:** Analyzed slot machine data and user data in WEKA to provide a useful insight on slot machine complexity vs usability.
- **Summer Project:** Data analytics on weather using R language to predict annual precipitation with respect to wind direction.