

Sarnika Nandipati

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Portfolio: <https://sarnika-nandipati.herokuapp.com/>

SUMMARY

Data Science and Analytics graduate student seeking internship opportunity at which I can apply my education and 2 years of work experience in data pipeline development, data processing and mining.

CORE COMPETENCIES

Databases: PostgreSQL, Microsoft SQL Server, Elasticsearch, MongoDB

Programming Languages: Python (Pandas, NumPy, Flask, Scikit-learn), SQL, R, Java, NoSQL, C, C#

Tools: Microsoft Power BI, Git, Logstash, Kibana, Microsoft Office Suite (Word, Excel, PowerPoint)

EDUCATION

Georgia State University, J. Mack Robinson College of Business

Atlanta, GA

Masters in Analytics, Data Science and Analytics

December 2022

- Relevant course work: Statistical Foundations, Data Management for Analytics, Data Programming, Data Visualization.

National Institute of Technology, Durgapur

Durgapur, India

BTech in Electronics and Communication Engineering (GPA : 8.31/10)

May 2019

- Relevant course work: Programming Fundamentals, Data Structures and Algorithms, Object Oriented Programming, Software Engineering.

EXPERIENCE

Starr Insurance Companies - Georgia State University

Atlanta, GA

Sprint Project Team Member - Graduate Research Assistant

August 2021 - Present

- Perform analysis for a marketing-focused project involving machine learning, text analytics, and dashboard presentation of results.

Infosys

Bangalore, India

Systems Engineer

September 2019 - July 2021

- Built multi-tenant data pipelines for analytics of an award-winning education platform with various clients using PostgreSQL, ELK Stack and Python.
- Developed API using Python for a personalized reports platform where management can customize reports utilized for business decisions.
- Created a reverse proxy layer between backend and frontend with C#.
- Analyzed and optimized existing SQL queries, enhancing effectiveness by 30%.

Indian Institute of Technology, Kharagpur

Kharagpur, India

Summer Intern

May 2018 - July 2018

- Developed a machine learning model with algorithms like KNN, Random Forest to classify emotions based on electroencephalogram signals. (Accuracy: 82.23%)

OTHER

- 1st Place at Genesis, a robotic event organized by Society of Automotive Engineers, NIT Durgapur.
- English (Fluent), Hindi (Native), Telugu (Native), French (Basic).