Govinda Sri Charan Duggirala

Looking for internship and Co-op opportunity

Baltimore, MD 21227

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I am currently majoring information systems graduate program at the University of Maryland Baltimore County. I am specializing in Data science and AI and currently looking for an internship opportunity

Willing to relocate: Anywhere
Authorized to work in the US for any employer

Work Experience

Research Assistant

University of Maryland - Baltimore County
September 2021 to Present

- Responsible for the collecting and annotating the bio medical data from E4 Empatica Wrist sensors.
- Performed various frequency and time domain feature extractions.
- Analysed important features like Heart rate, Accelerometer data, Electrodermal Activity and made visualizations.
- Programmed End-to-End pipeline for data processing, feature extraction and machine learning.

Software Engineer

Seaant Web Technologies - Chennai, Tamil Nadu
December 2020 to July 2021

- worked on cloud platforms like AWS and Azure.
- Maintained No-sql databases such as Mongo db.
- Used Mistral and ARM based cloud automation templates to develop resource deployment workflows.
- Configured various custom security policies based on NIST, CIS-GCP and HIPAA framework.
- Worked with Various clients such as HCL, Leo Pharmaceuticals and Cloud Enablers for timely compute VMs and SQLdb resource deployment across Europe region.
- Increased system efficiency by developing flask based API's.

Product Developer

Beez Innovation Labs - Chennai, Tamil Nadu
April 2019 to November 2020

- Developed data science web application for the purpose of visualization.
- Experience in data science algorithms such as KNN, Naive bayes, Apriori and reinforcement learning.
- Built custom predictive models for time series, computer vision and NLP use cases.
- Collaborated with the backend team and helped them in developing flask and django REST Api's.
- Performed EDA on various datasets and created databoards and charts in Tableau.
- Improved the process time of extracting data from invoices by implementing computer vision techniques.
- Good knowledge in NLP and have worked on Context, Entities, slots, intents, intent shift management in chatbots using

Rasa and Microsoft Luis framework.

● Tested Neo4j graph db to see its performance on the existing sql data through ETL process.

Education

M.S. in Information systems
University of Maryland - Baltimore, MD

May 2023

Bachelor's
B S Abdur Rahman Crescent University - Chennai, Tamil Nadu

May 2019

Skills

- operating systems : Linux, Windows.
- Python
- C++
- JavaScript
- R
- Matlab.
- MongoDb
- Neo4j
- PostgreSQL.
- Tensorflow
- Opencv
- Pandas
- Sci-Kit learn
- Camelot.

Links

https://github.com/dgscharan

https://in.linkedin.com/in/sri-charan-41a373130

Assessments

Logic & critical thinking — Expert
July 2020

Using logic to solve problems
Full results: Expert

Cognitive ability — Expert
July 2020

Combining pieces of information to form general rules
Full results: Expert