SAADH AHMED

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BIO

Fourth year Computer Science major and Chemistry minor looking for a full-time software engineering position after graduation.

EDUCATION

GEORGIA STATE UNIVERSITY | B.S COMPUTER SCIENCE
GPA: 4.00
Graduation Date: May, 2022 (5/22)

EXPERIENCE

SWE Intern | Microsoft – Office 365 Help - Marvel Team (Backend Position)

JUNE 2021 – AUGUST 2021

Integrated an API layer to intercept non-English queries from in-app help search in M365 products to translate and pass them through an intent classification model. Also used transfer learning of pretrained models to create a multilingual intent classification ML model.

SWE Intern | NCR – Cash Management - Machine Learning Team (ML Position)

JUNE 2020 – DECEMBER 2020

Created a pipeline for time series forecasting of ATM withdrawals using unsupervised machine learning. New ML model was deployed for NCR customers. Patent was filed in 2021.

Student Researcher in Bioinformatics Lab | GSU – Dept. of Computer Science

AUGUST 2018 – PRESENT

Assisted in developing algorithm to back-trace phylogenetic trees of disease outbreaks via sequence analyses of viral genomes. Project utilizes knowledge of social networks, phylogenetics, and unsupervised machine learning.

TECHNICAL SKILLS

- Programming: Python 3, Java, Bash, SQL, C#, HTML, CSS, JavaScript, Dart (Flutter)
- Machine Learning: Sklearn, Keras, TensorFlow, Facebook Prophet, AzureML
- Tools: Numpy, Scipy, Pandas, Matplotlib, Rdkit, Mordred, Firebase, Source Depot
- Scaling: Microsoft Azure, Databricks, AutoML, Apache Spark, Koalas, React, ASP.NET, .NET Core

STRENGTHS

- Experience with time series forecasting and NLP. Have experience in data preprocessing, creating and fine-tuning ML models, and overall working in the end-to-end machine learning pipeline.
- Great experience working with web APIs and overall backend using .NET libraries.
- Have experience working front-end using React. Developed apps with Flutter for various personal projects.
- Can navigate independently through large codebases and write production quality code. Work well in teams, fast ramp up, and have good coding and documentation practices.