Anik Singha

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EDUCATION

HUNTER COLLEGE
Bachelor of Arts in Computer Science, Dec 2024
GPA: 3.72

EXPERIENCE

Software Engineer Intern | MNC Development (Feb 2023 - May 2023)
- Utilized React and Material UI to create a visually appealing and responsive UI. Resultant user experience was highly intuitive, driving increased engagement and satisfaction
- Leveraged Firebase to develop and implement a robust backend solution, incorporating a high-performance database for efficient data storage and management.
- Designed and implemented an advanced filter and sort functionality, resulting in a streamlined user experience that saved users valuable time.

PROJECTS

Personal Website
- Created a personal website using react to display info and links to my projects
- Leveraged EmotionJS to write clean css styles
- Unit tested components using Jest
- Used ExpressJS to create a backend and implement routing

REST API
- Developed a REST API using data scraped from myanimelist.net
- Utilized beautiful soup to scrape data on the top 1000 highest rated shows
- Cleaned and formatted the data to create a JSON object, which was then turned into a REST API
- Used Flask to create routes and allow the API to accept queries

Temporary Email Generator
- Implemented a python module that allows you to easily generate and use temporary emails
- Wrapped the 1secmail API and created functions that simplify creating emails and reading your inbox
- Developed a cli app to allow you to easily use this module from your terminal

Titanic Log Regression
- Trained a machine learning model to predict survival rates of passengers aboard the titanic
- Utilized python libraries such as pandas, numpy, scipy, and sklearn
- Developed a web app where people can input their data and find out their likelihood of surviving

Relevant Coursework

- Software Analysis and Design 3 (DSA)
- Discrete Structures
- Computer Architecture 2
- Relational Databases and SQL Programming
- Intro to Data Science

Technologies and Languages

- C++, Python, JavaScript, Java, SQL, HTML, CSS
- NodeJS, React, ExpressJS, Flask, PostgreSQL, MongoDB, Web Scraping, Unix, Git