Pramit Bhatia

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EDUCATION

Georgia State University Expected May 2024

Bachelor of Science in Computer Science (Junior Transfer Student)

Relevant Coursework: Principles Of Computer Science

DJ Sanghvi College Of Engineering February 2021 - June 2022

B.E. in Computer Science And Engineering (Data Science), Overall GPA - 9.82

Relevant Coursework: Data Structures And Algorithms, Analysis Of Algorithms, Machine Learning, Database Management

EXPERIENCE

Data Science Intern- The Sparks Foundation | Project Link Mumbai, India

February 2022 - March 2022

- Implemented **Regression** models, **K-Means Clustering**, **Decision Tree Classifiers**
- Performed **EDA** on several data sets and completed **4** training projects

PROJECTS

Code For Good 2022 Hackathon | Web Application (MongoDB, Express JS, React JS, Node JS)

- **Led a team of 6 members** and developed a solution for early-stage startup support provided by GUSEC
- Developed a website in **24 hours** for startups to **register** and **login** into an online portal
- Integrated dashboards for viewing progress and an admin panel to oversee and approve/reject startups
- **Selected for 2023 Summer Internship for JP Morgan Chase & Co. India from a pool of over 2500 participants**

muse-FT | Mobile Application (Flutter) | Project Link

- Developed an application for buying/selling and playing Music stored as **NFTs in 24 hours** as part of a Hackathon
- Implemented dummy transactions using ETH Wallet for purchase of Music NFTs i.e. User accounts can purchase music posted by Artists via **smart contracts** created via Solidity

Energy Efficiency Analysis | Python Notebook (Python, Numpy, Pandas, Sklearn) | Project Link

- Created a ML based solution to predict the effects of **8 attributes** on Heating/Cooling load for residential buildings
- Performed Data Pre-Processing, EDA, Correlation Analysis and selected an appropriate machine learning model
- Achieved accuracy of **98.11%** by using **Decision Tree Regression**

Regression Model Analyzer | Python Notebook (Python, Numpy, Pandas, Sklearn)

- Created a single Ipython notebook to learn which regression model is the most accurate for a given dataset
- Analyzed **r^2** score for different models (Linear, Polynomial, Decision Tree, Random Forest, Support Vector)
- Predicted best regression model based on a given dataset

BLOG Website | Web Application(Python, HTML, CSS, Flask, Bootstrap, Email SMTP)

- Created a Blog website using Python, Flask, CSS, Bootstrap
- Included User Authentication, ability to Add Posts, Contact Me page, and About Me Page
- Added functionality for Contact Me Page to send an email whenever triggered using Email SMTP

SKILLS

Languages: Java | C | C++ | Javascript | Python | Dart

Libraries \ Frameworks: ReactJS | ExpressJS | NodeJS | Flutter | Numpy | Pandas | Sklearn | Flask

Databases: MongoDB | Firebase | MySQL