

Pramit Bhatia

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Education

Georgia State University

Expected May 2024

Bachelor of Science in Computer Science (Junior Transfer Student), Overall GPA - 3.91 / 4.0

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 / 10

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

Experience

Data Science Intern- The Sparks Foundation | [Project Link](#)

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

Spooky Bird | JavaScript Game (OpenAI, JavaScript, Python, Flask, Heroku, MongoDB Atlas)

[Play Game](#)

- Created a Flappy Bird spoof using **JavaScript** using **Flask**, **Python** and **MongoDB Atlas**
- Hosted the game using **Flask** and **Heroku**, Added a **Leaderboard** to monitor scores using database
- Enabled **automatic image generation** using **Open-AI Dall-E** to create unique player sprite based on a prompt

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

[Project Link](#)

- 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**

Hack 4 Good: Multidisciplinary Hackathon

[Project Link](#)

- Collaborated with a team of 6 members** and developed a redesign for the **MARTA See&Say** Application
- Focused on improving **under-reporting** of health & safety incidents on MARTA stations in Atlanta
- Won 2 awards: 2nd Place | Creativity & Innovation Impact Award**

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**

Yawn Detection Model | Python Notebook (Python, Numpy, Pandas, Sklearn, Tensorflow, StreamLit)

[Project Link](#)

- Built/Trained a **Convolutional Neural Network** over **2000+** images using **TensorFlow** for yawn detection
- Created a Python **frontend** using **StreamLit** library for users to click images and test the **API**

Skills

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

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

Databases: MongoDB | Firebase | MySQL