# Pramit Bhatia

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## Education

**Georgia State University** Expected May 2024
Bachelor of Science in Computer Science (Junior Transfer Student), Overall GPA - 3.92 / 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 |** February 2022 - March 2022 **Project Link**

- Implemented **Regression**, **K-Means Clustering** & **Decision Tree Classifiers**
- Performed **Exploratory Data Analysis** on several data sets and completed 4 training projects

## Projects

**Spooky Bird | JavaScript Game (JavaScript, Python, Flask, Heroku, MongoDB Atlas) | 2022** **Project Link**

- 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 MongoDB database
- **Awarded 1st Place in GameJam Hackathon @ Georgia State University**

**Code For Good 2022 Hackathon | Web Application (MongoDB, Express JS, React JS, Node JS) | 2022** **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
- **Selected for 2023 Summer Internship for JP Morgan Chase & Co. India from a pool of over 2500 participants**

**Hack 4 Good: Multidisciplinary Hackathon | 2022** **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) | 2022** **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) | 2022** **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**

**Sorting Algorithm Visualizer | Web Application (JavaScript, Python, Flask, Heroku) | 2022** **Project Link**

- Developed an application to aid understanding of sorting algorithms
- Implemented Bubble Sort, Quick Sort, Insertion Sort & Selection Sort

## Skills

**Languages:** Python | C | C++ | Javascript | Java | Dart
**Libraries \ Frameworks:** ReactJS | ExpressJS | NodeJS | Flutter | Numpy | Pandas | Sklearn | Tensorflow | Flask
**Databases:** MongoDB | Firebase | MySQL