ANUSHKA SISODIA

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Credit-Bearing Internship Availability: Jan 2024 – May 2024 (20 weeks)

EDUCATION

Nanyang Technological University, Singapore   **Aug 2021 – Jun 2025 (Expected)**
- **Bachelor of Engineering (Computer Science Engineering)**
- **Specialisation: Data Science**
- Relevant Modules: *(1) Data Structures and Algorithms (2) Software Engineering (3) Artificial Intelligence (4) Computer Security (6) Database System Principles (7) Machine Learning*

Narayana E-Techno, Mumbai, India   **Apr 2019 – Mar 2021**
- **Higher Secondary School Certificate Maharashtra, Standard 12**
- **School Topper 2022** of Narayana e-Techno school in Standard 12; Score Achievement: 98%
- Relevant Subjects: *(1) Computer Science (2) Maths (3) English*

ACADEMIC PROJECT

Software Engineering Project   **Feb 2023 – Apr 2023**
Title: SportSpot – Where Player Meets Place Website (Led team of 4 Members)
- Conceptualized and led development of a sports facility finding website that connects athletes with facilities in their area.
- Built the website using HTML, JavaScript and Firebase to ensuring a responsive and user-friendly design.
- Distinctively focused on elevating the user interface (UI) of the website.

Object-Oriented Design and Programming Project   **Aug 2022 – Nov 2022**
Title: Movie ticket booking system 'MOBLIMA' (Team of 3 Members)
- Created a movie recommendation system 'MOBLIMA', a non-GUI application designed to simplify movie ticket booking.
- Successfully applied a number of design principles such as the SOLID principle and MVP design pattern.
- Implemented the 4 Object-Oriented ideas: abstraction, encapsulation, inheritance and polymorphism.

Introduction to Data Science and Artificial Intelligence Project   **Feb 2022 – May 2022**
Title: Prediction based on the world happiness index (Team of 3 Members)
- Utilized Python Programming to design and develop a software application for predicting the world happiness with the aim to help countries increase the well-being of their citizens.
- Acquired comprehensive knowledge of various regression models in predicting data like Random Forest Regression, Gradient Boosting Regression, Ridge Regression, Huber Regression and more.

PERSONAL PROJECT

Sleeping Disorder Prediction Project   **July 2023**
- Conducted in-depth analysis of sleeping disorder data using Python for Exploratory Data Analysis, revealing patterns and trends within the dataset.
- Applied Random Forest Classifier algorithm using Python to develop a predictive model for identifying sleeping disorders based on relevant features.

Cryptocurrency Trading Algorithm   **June 2023**
- Developed a cryptocurrency trading algorithm using Python to automate trading decisions and enhance trading efficiency.
- Tested the algorithm using historical data to validate its performance and adjust trading strategies for optimal results.

INTERNSHIP EXPERIENCE

HDFC Bank, <u>Data Analytics Intern</u> **May 2023 – June 2023**

- Conducted advanced data analytics using Excel on a substantial financial dataset of large listed companies, deriving actionable financial conclusions to guide decision-making.
- Provided a listing of targeted customers and facilitated the bank's efforts to connect with these customers, ultimately enhancing customer engagement and service utilization by 10%.
- Assessed customer profitability, risk profiles, and lifetime value, leading to optimized marketing campaigns and personalized offerings.
- Prepared weekly MIS sheets, summarizing and organizing data for management reporting and driving informed decision-making.

LEADERSHIP / CO-CURRICULAR ACTIVITIES / COMMUNITY INVOLVEMENT

NTU Runners Club **May 2022 – Present**

Business Director

- Developed and executed all strategies and initiatives for runners' club, assisting in organising weekly runs.
- Managed the biggest running event hosted by the NTU campus, achieving a record-breaking attendance of over 600 participants.

NTU Open Source Society **Aug 2022 – July 2023**

Director

- Fostered a community of engineers to explore their interests in technology and share their knowledge and expertise with others.
- Organised and contributed to planning hackathons with a good cause like Hackers for Charity.

ONLINE CERTIFICATIONS

- **Goldman Sachs Software Engineering Virtual Experience Program on Forage** – May 2023
- **JP Morgan Software Engineering Virtual Experience Program on Forage** – May 2023
- **Accenture Product Design Virtual Experience Program on Forage** – June 2023
- **BCG Design Virtual Experience Program on Forage** – June 2023
- **Cisco Introduction to Data Science** – June 2023
- **IBM SQL and Relational Database** – July 2023
- **IBM Data Science** – July 2023

SKILLS / HOBIES & INTERESTS

- **Software Programming**: C, C++, Java, Python, SQL, NoSQL, HTML/CSS, JavaScript
- **Software Applications**: Microsoft Office 2022
- **IT Tools / Frameworks / Libraries**: Pandas, NumPy, Scikit-Learn, ReactJS, Node.js
- **AI & ML Models / Techniques:** Linear Regression, Random Forest, Decision Tree
- **Languages**: Fluent in English and Hindi
- **Hobbies**: Sports (Chess), Running, Reading, Singing, Volunteering