

# ANUSHKA SISODIA

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Portfolio: <https://anushka-sisodia.vercel.app/>

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

**Summer Internship Availability: Jun 2024 – Aug 2024 (10 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) Data Analytics and Mining (4) Artificial Intelligence (5) Cyber Security (6) Introduction to Database System (7) Machine Learning

**Narayana E-Techno, Mumbai, India** **Apr 2019 – Mar 2021**

- Higher Secondary School Certificate Maharashtra, Standard 12
- **Top 5%** of Maharashtra Board India in Standard 12; Score Achievement: 98%
- **School Topper 2022** of Narayana e-Techno school in Standard 12
- 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. This meticulous attention to detail culminated in an aesthetically pleasing and engaging UI, enhancing user satisfaction and interaction.

**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.

**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.

## PERSONAL PROJECT

**Sleeping Disorder Prediction Project** **July 2023**

- Conducted in-depth analysis of sleeping disorder data using Python for Exploratory Data Analysis (EDA), revealing patterns and trends within the dataset.
- Leveraged Python's data visualization libraries to create informative graphs and visualizations, aiding in the understanding of sleeping disorder factors.
- 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.

### **Rock Paper Scissor JavaScript Game**

**June 2023**

- Developed an interactive Rock Paper Scissors game utilizing JavaScript, HTML, and CSS technologies, offering an engaging user experience.
- Implemented game mechanics where players face off against the computer by choosing from Rock, Paper, and Scissors options.

## **INTERNSHIP EXPERIENCE**

### **HDFC Bank, Data Analytics Intern**

**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 Open Source Society**

**Aug 2022 – Present**

#### *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.

### **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.

## **ONLINE CERTIFICATIONS**

- **Goldman Sachs Software Engineering Virtual Experience Program on Forage** – June 2023
- **JP Morgan Software Engineering Virtual Experience Program on Forage** – June 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
- **Cisco Introduction to Cyber Security** – July 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