

ANUSHKA SISODIA

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EDUCATION

Nanyang Technological University, Singapore **Aug 2021 – Jun 2025 (Expected)**

- Bachelor of Engineering in Computer Science Engineering
- Relevant Modules: (1) *Data Structures and Algorithms* (2) *Software Engineering* (3) *Object Oriented Programming* (4) *Artificial Intelligence* (5) *Cyber Security* (6) *Introduction to Database*

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

Higher Secondary School Certificate Maharashtra, Standard 12; Score Achievement: 98%

Relevant Subjects: (1) *Computer Science* (2) *Maths* (3) *English*

Kendriya Vidyalaya, IIT Powai, Mumbai **Apr 2016 – Apr 2018**

Central Board of Secondary Education, Standard 10; Score Achievement: 96.2%

Relevant Subjects: (1) *Computer Applications* (2) *Physics* (3) *English*

ACADEMIC PROJECT

NTU Module: Software Engineering **Feb 2023 – Apr 2023**

Module Project: 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.
- Build the website using HTML, JavaScript and Firebase to ensuring a responsive and user-friendly design.
- Implemented advanced search filters, including sport type, location, amenities, and availability, allowing users to quickly find and book facilities and to find people through SportBuddy feature.

NTU Module: Introduction to Data Science and Artificial Intelligence **Feb 2022 – May 2022**

Module Project: 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.
- Used several regression models in predicting data like Random Forest Regression, Gradient Boosting Regression, Ridge Regression, Huber Regression and more.

NTU Module: Object-Oriented Design and Programming **Aug 2022 – Nov 2022**

Module Project: Movie ticket booking system 'MOBLIMA' (Team of 3 Members)

- Created a movie recommendation system 'MOBLIMA' which is a non-GUI application used to make it easier to book movie tickets.
- Successfully applied a number of design principles such as the SOLID principle and MVP design pattern.
- Implemented the 4 Object-Oriented ideas i.e., abstraction, encapsulation, inheritance and polymorphism.

INTERNSHIP EXPERIENCE

HDFC Bank, Data Science Intern **May 2023 – June 2023**

- Assisted in advanced data analytics on financial information of large listed companies, enabling financial conclusions and industry risk mapping.
- Developed a data analytics model for independent analysis of financials and industry-specific information, vital for managing credit risk and detecting default risks.
- Contributed to team responsible for geographical mapping of target corporate clients using pattern metrics and advanced graphing methods, understanding client concentration and aggregate risk dispersion.
- Acquired proficiency in advanced database models for automating and enhancing critical MIS reporting at the organizational level.
- Conducted data analytics and mining using banks' data management software (CRISIL Quantix, Cadpro, Laser soft, CLIMS, and Flex cube).

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

Publicity Director

- Develop and execute all publicity strategies and initiatives for runners' club and helping in organising weekly runs.
- Managed publicity for the biggest running event hosted by the NTU campus, resulting in a record-breaking attendance of over 600 participants.

Deep Learning Week (MLDA Club)

Aug 2022 – Sep 2022

Programmes Committee Member

- Contributed to idea brainstorming that factored into event planning and organising hackathons prior to executing.
- Successfully invited potential speakers from industries to inspire students with insights sharing.

NTU Research Society

Jan 2022 – May 2023

Committee Member

- Conducted and took part in various workshops.
- Organised weekly meetings and helped research officers.

Regional Chess Tournament

May 2018 – Jun 2018

Represented Maharashtra State

- Secured second position amongst 35 participants in Maharashtra State Chess Championship 2018
- Led and won several clusters and inter-school chess tournaments.

Prayag Sangeet Samiti, Allahabad, India

Jan 2018 – Feb 2018

Bachelors In Music (Diploma)

Trained in Hindustani classical vocal music for 7 years & secured Bachelor of Music Diploma.

ACHIEVEMENTS

- **Top 5%** of Maharashtra Board India in Standard 12
- **School Topper 2022** of Narayana e-Techno school in Standard 12
- **Top 5%** of Kendriya Vidyalaya in Standard 10
- **Led and won** various national & state level chess tournaments in India
- **Certificates of Achievement** in International Olympiad of Mathematics
- **Certificate of Excellence & Merit** in National Science Olympiad
- JPMorgan Investment Banking Virtual Experience Program on Forage
- JPMorgan Software Engineering Virtual Experience Program on Forage
- Goldman Sachs Engineering Virtual Program on Forage

SKILLS / HOBBIES & INTERESTS

- **Software Programming:** C, C++, Java, Python, SQL, HTML, JavaScript, Microsoft Office (Excel, Word, PPT)
- **Hobbies:** Sports (Chess), Running, Reading, Singing, Volunteering