

Sankalp Mundra

Mailing Address: 7 Speare Place, Boston, MA 02115
mundra.sa@northeastern.edu | +1 (857) 465-1331 | LinkedIn: [sankalp-mundra](#) | GitHub: [sankaxp](#)

EDUCATION

Northeastern University

Boston, Massachusetts

B.S. in Computer Science – Concentration in Software

September 2023 – Current

- Honors: 3.924 GPA and Dean's List at the Khoury College of Computer Sciences
- Related Coursework: Object-Oriented Programming in Java, Data Structures & Algorithms, Database Design, Computing in R, Discrete Mathematics, Propositional Logic & Property-based Testing, Principles of Information Science

B.S. in Economics

- Related Coursework: Microeconomic Theory, Macroeconomic Theory, Economic Inferential Statistics, Applied Econometrics, Contested Issues in the U.S. Economy, Principles of Microeconomics & Macroeconomics

Dubai International Academy – Emirates Hills

Dubai, U.A.E.

International Baccalaureate Diploma Programme (IBDP)

September 2021 – May 2023

- Higher Level (HL): Mathematics Analysis & Approaches, Physics, and Business Management
- Standard Level (SL): Chemistry, English A Language & Literature, and Spanish Ab Initio
- Core: Extended Essay in English, Theory of Knowledge Essay on Replicability, CAS Project on Blockchain and A.I. EdTech

Dubai International Academy – Al Barsha

Dubai, U.A.E.

International Baccalaureate Middle Years Programme (MYP)

September 2018 – June 2021

- Courses: Extended Mathematics, Physics, Chemistry, Geography, English, French, Product Design, and Music
- Projects: EdTech Platform for Public Speaking as Community Project, Prototyping a Solar-Powered Car as Personal Project

EXPERIENCE

Efcom GmbH

Frankfurt, Germany

Data Science Intern

May 2024 – Current

- Developed and maintained a relational database using Oracle Database and performed data analytics through SQL queries to identify distributions, patterns, and trends from the dataset.
- Trained machine learning algorithms to assess the risk levels of defaults for clients of banks and financial institutions offering invoice factoring solutions.

Wio Bank

Abu Dhabi, U.A.E.

Business Development Intern

June 2022 – August 2022

- Conducted market research on SME classifications in the UAE, digital lending products and services, and trade finance solutions in the MENA region.
- Onboarding of SMEs in the F&B, Retail and Manufacturing sectors and maintaining the client and sales databases.

KENKEN MENA

Dubai, U.A.E.

Web Development Intern

July 2021 – August 2021

- Developed an EdTech platform using WordPress and created educational tutorials on KenKen puzzle-solving strategies using mathematical and pattern-based problem-solving techniques for aspiring participants of the national KenKen competitions.

360tf (Nimai Trade Fintech Pte. Ltd.)

Dubai, U.A.E.

Data Engineering Intern

July 2020 – August 2020

- Engineered and maintained the industry research database infrastructure for the trade finance marketplace of 360tf.
- Conducted a comprehensive research project that analyzed over 3000 multinational corporations (MNCs) across the EU & NAFTA regions. Documented their global presence, auditors, and extracts from the balance sheets for the relational database.

TECHNICAL SKILLS

Languages: Java, Python, R, SQL, JavaScript, HTML/CSS, Racket

Tools & Frameworks: JUnit, Git, GitHub, Eclipse, PyCharm, Visual Studio Code

Libraries: NumPy, Pandas, Matplotlib

Database Management Systems: Oracle DBMS, MySQL, PostgreSQL, MongoDB, Microsoft Excel

Operating Systems: Linux (Ubuntu, CentOS), Windows, macOS

REFERENCES

- Federico Avellán Borgmeyer – Chief Partner Officer and Management Board at Efcom GmbH ([LinkedIn](#))
- Prateek Vahie – Chief Commercial Officer at Wio Bank ([LinkedIn](#))
- Sunil George – Head of Structured Trade Finance for North America at Louis Dreyfus Commodities ([LinkedIn](#))

LEADERSHIP

Executive Student Council

Treasurer in Grade 9, Head Representative of Grade 10, and Senior Prefect in Grades 11-12

- Worked alongside different schools to organize student trips and events such as the Wild Wadi Waterpark school trip, DIAB Fun Fair, and organized various inter-school sports events.
- Liaised with senior management to tend to student issues and implement the corresponding changes in the schooling environment, implemented several school spirit fairs and spirit weeks, and introduced the annual ice-cream truck tradition.
- Liaised with the house captains and head student team to organize sport and recreational activities, whilst maintaining discipline and uniform conduct throughout the school. I was also in-charge of Class 7 and would oversee their activities.

Dinance – Blockchain and Cryptocurrency Club

Chief of Operations

- Organized monthly sessions with 5 guest-speaker appearances, formulated a membership program, onboarded sponsors, and raised capital for B.A.S.I.C, an Artificial Intelligence and Blockchain-affiliated competition.

The Young Speakers Club

Founder

- During the COVID-19 pandemic, this club was created for young students interested in building their debating and public-speaking skills. The lessons were made available online and a variety of speaking exercises and projects were offered.
- Onboarded a large team of teachers to provide e-learning services, illuminating over 150 aspiring students with detailed lessons, exercises, and milestone tasks.

DIA Welfare and Wellbeing

Mentor

- Counseled 6 students entering high school with academic and emotional support throughout my sophomore year.

Sports Leadership

Organizer

- Completed the UK Level 1 Sports Leadership course and organized the DIAB Annual Primary Sports Day.

HONORS

- Dean's List Recognition at Northeastern University for a 3.924 cumulative GPA throughout the Freshman Year
- AP Scholar with Distinction in AP Calculus BC, AP Statistics, and AP Microeconomics
- Top 40 in Individual Round and Top 25 in Team Round at the 2019 ISMTF International Math Competition in Austria
- Top 12 in 2022 Curtin University STEM Challenge out of 200+ teams w/ Gold in Team Quiz and Hydraulic-Bridge Building
- UKMT Gold and Silver Medalist in Intermediate Mathematical Challenge - Achieved Best-in-Year Performance [2019-2020]
- Valedictorian [2018-2019]
- Student of the Year 2022 – Topper in Chemistry
- National Topper in the Trinity College London Level 3 Electronic Keyboard
- National Silver Medalist in the UAE Karate Kata Competition
- DIAB Sports Scholarship [2019-2020]

VOLUNTEERING

Book Drive – Old Books for New Eyes

Project Leader

- Managed the end-to-end collection, logistics, and dispatch of over 7000 reading books from the UAE and Qatar to schools for underprivileged children in Kenya.

COVID-19 Vaccination Drive

Organizer and Volunteer

- Tied up with 360tf to organize a free COVID-19 vaccination drive, accomplishing a 500+ turn up.

Pakistan Flood Relief Organization

Volunteer

- Contributed to the packaging and delivery of food, beverages and aid to families affected by the 2022 floods in Pakistan.

DIAB Eco-Club

Volunteer

- Enforced sustainable practices in school and introduced recycling programs for plastic water bottles and newspapers.
- Collected old stationary, books, bags, and other school supplies to be sent to underprivileged children.