



Sampreeti Atta

Passport: T3379646 **Work permit:** Finnish **Nationality:** Indian

Date of birth: 20 Nov 1997 **Place of birth:** Champdani, West Bengal, India

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ABOUT ME

I am a highly motivated Computer Science graduate with a strong foundation in programming languages, data analysis, and information systems. With a keen interest in digital transformation and the application of emerging technologies in the healthcare sector, I am committed to use my technical skills to drive innovation and improve healthcare services. I am passionate about continuous learning, problem-solving, and contributing to the digitalization of processes that enhance service delivery and organizational efficiency.

EDUCATION AND TRAINING

B.Sc. (Honors) in Computer Science

University of Calcutta [30 Jun 2015 – 25 Jun 2019]

City: Kolkata, West Bengal | **Country:** India | **Website:** <https://www.caluniv.ac.in/> | **Field(s) of study:** Information and Communication Technologies ; Natural sciences, mathematics and statistics | **Final grade:** Passed with Honours and placed in Second Class | **Level in EQF:** EQF level 6

- Skills in data analysis and basic machine learning, including data preprocessing, visualization, and model implementation.
- Introduction to artificial intelligence, data mining, and data analytics fundamentals.
- Familiarity with database management systems (DBMS) and relational databases (e.g., MySQL, Oracle).
- Knowledge of software engineering practices.
- Proficient in programming languages such as Python, Java, C, and SQL.
- Knowledge of data structures and algorithms for efficient application and system design.
- Problem-solving and logical thinking skills applied to computational tasks and programming assignments.
- Understanding of computer networks, protocols, and communication models (e.g., TCP/IP, OSI).
- Ability to use version control systems like Git for collaborative coding and project management.
- Exposure to operating systems concepts, including memory management, process scheduling, and file systems.

Open Programming and Database Courses

University of Turku and Turku University of Applied Sciences [13 Jan 2025 – 31 Jul 2025]

City: Turku | **Country:** Finland | **Website:** <https://www.utu.fi/en/open-university-studies/courses/programming-and-databases> | **Field(s) of study:** Information and Communication Technologies | **Final grade:** The final grade will be available after 31st July 2025. | **Level in EQF:** EQF level 6

- Fundamentals of Programming (5 ECTS credits)
- Basics of Programming - Exercise (2 ECTS credits)
- Design and Use of Relational Databases (5 ECTS credits)
- Tools for Programming (1 ECTS credit)
- Basics of Object-Oriented Programming (5 ECTS credits)
- Advanced Course in Object Oriented Programming (5 ECTS credits)



Python Programming for Beginners: Learn Python from Scratch

Udemy [23 Apr 2025]

Website: <https://www.udemy.com/certificate/UC-e73a48cc-1a53-4957-8098-c78940032275/> | Field(s) of study: Information and Communication Technologies | Final grade: Certificate of Completion from Udemy | Level in EQF: EQF level 6

Numpy For Data Science Real Time Experience

Udemy [3 Apr 2025]

Website: <https://www.udemy.com/certificate/UC-7770717c-2633-4c24-806d-a4afd23a20c4/> | Field(s) of study: Information and Communication Technologies | Final grade: Certificate of Completion from Udemy | Level in EQF: EQF level 6

LANGUAGE SKILLS

Mother tongue(s): Bengali

Other language(s):

English

LISTENING B2 **READING** C1 **WRITING** C1

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Programming Fundamentals / Python (computer programming) / Java (computer programming) / Database Design & Programming / Relational Databases Fundamentals / SQL / Version Control System (Git) / Object-Oriented Programming (OOP) / Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access / LaTeX / Linux (Red Hat, Debian)

I am eager to advance my academic journey and apply my skills to support digital innovation in healthcare. I look forward to contributing my knowledge, enthusiasm, and commitment to excellence throughout the ManagiDiTH Master's programme.

Sampreeti Atta

Jyväskylä, Finland, 25 Apr 2025

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