

ASEEM SANGALAY

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[Email](#) [LinkedIn](#) [GitHub](#)

EDUCATION

B.Tech (Software Engineering)	Delhi Technological University	2023	79.9%
AISSCE (12 th Grade)	Montfort School, Delhi	2019	83%
AISCE (10 th Grade)	Montfort School, Delhi	2017	88%

INTERNSHIPS

Delhi Technological University

Research Intern

June 2021 - Present

- Working on a research project correlating to the domain of Transfer Learning.

STEM-Away

Machine Learning Task Lead

July 2020 - September 2020

- Reviewed codes, project roadmaps and changing requirements during the course of each development.
- Project management using Asana.
- Web Scraping the forums and clustering the tags in the form.
- Implementing Topic Recommendation system algorithms on existing website setup.
- [Certificate of Completion](#)

PROJECTS

Breast Cancer Prediction using Machine Learning

- This project uses several Machine Learning techniques achieved by simulating the real-time model to predict whether the cancer tumour type is Benign or Malignant. Used the Python programming language along with libraries (such as *NumPy*, *Pandas*, *Sci-kit learn*, *Matplotlib*, etc) and trained the model using several algorithms such as *Support Vector Machine (SVM)*, *Random Forest (RF)*, and *Logistic Regression (LR)*.

Library System Management using C/C++

- The project uses the concepts of *Data Structures* and *Object Oriented Programming* to implement a model of Library systems with several essential functionalities.

University ERP (Ongoing)

- Currently working on a University Management System. It is aimed for the interactions between students and teachers. Features will include attendance, marks, time table, generating reports, etc. The project will have be built using Django Framework.

POSITION OF RESPONSIBILITIES

Jt. Treasurer

Rotaract Club of DTU Regency

- The primary responsibilities of this role involve handling the club's finances, including the collection of club dues and the payment of all bills.
- It also includes maintaining all club records, including membership, committee appointments, important club documents such as the club's certificate of organization etc.

Jt. Secretary, Rotathon

Rotaract International District 3011

December 2020 - Present

- Currently working as the Joint Secretary of our worldwide Hackathon and Ideathon - *ROTATHON*.
- Worked and managed affairs related to the event website (www.rotathon.tech)
- Successfully fetched a registration count of around 400 participants from all over the world and connected them to industry expert and business tycoons for mentorship.

ACHIEVEMENTS AND EXTRACURRICULAR ACTIVITIES

- Class Representative (2020-21):** Served as the Person of Contact between faculty and students.
- Outstanding Contribution as the Joint Secretary (2021):** Awarded by the Rotaract International District 3011.
- Events Head of Yuvaan, Literature & Film Fest, DTU(2019-2021):** Leading a group of 50+ juniors.
- Excellence in Computers (2019):** Won the award for best performance in tech events 2019.
- National Level Qualifier, National Children's Science Congress (2015):** Carried out research work on problems in India and prepared a remedy for one the major problems: Dengue

SKILLS

Skills: Machine Learning, Data Structures, Algorithms, Object Oriented Programming, Operating Systems, Database Management Systems, Software Engineering, Problem Solving Skills, Cross-Functional Team Leadership.

Languages/ Frameworks: Python, C/C++, HTML, CSS, SQL