

**DEBOSMITA CHAKRABORTY**

[LinkedIn Profile](https://www.linkedin.com/in/debosmitachakraborty/) *⋄* [GitHub Profile](https://github.com/Debosmita-Chakraborty)

# EDUCATION

**KIIT Deemed to be University** *07/21 – 06/25*

Bachelor of Technology (B.Tech.) in Computer Science Engineering **GPA: 9.16**

**Adamas International School** 04/*19 – 04/21*

Higher Secondary (12th Board: ISC) **Percentage: 98.25 Adamas International School** *04/10 – 04/19*

Secondary (10th Board: ICSE) **Percentage: 98.8**

# SKILLS

|  |  |
| --- | --- |
| **Languages:** | Python, Java(intermediate), SQL (intermediate), C (basic), C++ (basic) |
| **Domains:** | Data Science, Machine Learning, Statistics and Probability, Linear Algebra |
| **Tools:** | Pandas, NumPy, SciPy, Matplotlib, Seaborn, Scikit-Learn, Tensorflow |
| **Software:** | Tableau, Jupyter Notebook |

# PROJECTS

[**Credit Card Fraud Detection (project link)**](https://github.com/Debosmita-Chakraborty/CreditCardFraud)*Aug 23* Utilized anonymized credit card data for comparative analysis of the performance of several supervised learning models (Logistic Regression 96% AUC score, SVM with 95% AUC score) on detecting fraudulent transactions

[**Predicting the winner of FIFA Women’s World Cup 2023 (project link)**](https://github.com/Debosmita-Chakraborty/FIFA23WomensWorldCup)*Jul 23* Collected past FIFA Women’s World Cup data using web scraping and used it to build a predictive model (Poisson distribution) to predict the winner of this year’s world cup based on historical data

[**Predicting risk of Coronary Heart Disease using Random Forest (project link)**](https://github.com/Debosmita-Chakraborty/FramCHD)*Mar 23* Analyzed data from the Framingham heart study and built a ML model (random forest) with 90% accuracy to predict 10-year risk of Coronary Heart Disease (CHD) based on a variety of risk factors.

[**KPMG Data Analytics Consulting Virtual Internship Tasks (project link)**](https://github.com/Debosmita-Chakraborty/KPMG_Virtual_Internship)*Jul- Aug 23* A repository of various tasks of the virtual internship, including data quality assessment, drawing insights and presentation using visualization

# CERTIFICATIONS

## [Machine Learning Specialization by Andrew Ng (link)](https://www.coursera.org/account/accomplishments/specialization/82WCA9EMEXU6) *Jul- Aug 23*

DeepLearning.ai, Coursera

## [IBM Data Science Professional Certificate (link)](https://www.coursera.org/account/accomplishments/professional-cert/WR57Y7ZCA6GW) *May- Jun 23*

IBM, Coursera

## [Python for Data Science and Machine Learning Bootcamp (link)](https://www.udemy.com/certificate/UC-7d6ead44-84b0-420a-9f04-039788f5091f/) *Feb- Mar 23*

Udemy

## [KPMG Data Analytics Consulting Virtual Internship (link)](https://forage-uploads-prod.s3.amazonaws.com/completion-certificates/KPMG%20AU/m7W4GMqeT3bh9Nb2c_KPMG%20AU_zHwMDrNTHSsnArZmD_1690993453106_completion_certificate.pdf) *Jul- Aug 23*

KPMG, Forage

# AWARDS AND SCHOLARSHIPS

## Academic Excellence Award for Toppers of ICSE Board Exam State Rank: 4th All India Rank: 5th

The Office of the Chief Minister of West Bengal *2019*

## Swami Vivekananda Merit Cum Means Scholarship (yearly for Board Toppers)

The Office of the Chief Minister of West Bengal, West Bengal Department of Education *2019- 2020*