

Ananya AGRAWAL

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Address: Flussgasse 6, Frankfurt, Germany

Visa status: Student Visa with permission to work



WORK EXPERIENCE

Standard Chartered Bank AG

Working Student as Data Analysis

Frankfurt, Germany

03/2023 – Present

- Python scripting that automates Excel tasks for both the Correspondence Banking and the Sales department. These scripts are designed to streamline processes and save time for our employees, allowing them to focus on more critical tasks
- Creating visual dashboards for representation of revenue and sales data with the help of Tableau

AECOM

Project Engineer

Gurgaon, India

01/2020 – 10/2022

- **Analysis and Design of Indian Navy Seabird projects**
 - Analyze and design of CDB steel. Developed cost-effective solutions to structural challenges. Prepare detailed drawings and specifications for structural projects. Monitor progress of projects to ensure they are completed on time and within budget. Deploying rich graphical visualizations in dashboards to create effective views of data for project presentation
 - Analyze and design of Jetty for heavy vessels. Developed detailed structural plans, specifications, and calculations with the help of Python and Staad Pro to ensure safety, reliability, and compliance with applicable building codes
- **Project Management Consultant in Dry Bulk Cargo Project**
 - Review of Initial concept design including a structural analysis of both existing and proposed building structures, and the development of a concept design brief for the project
 - Supervise Project Management of the structural engineering works including scheduling and cost control

CTCI

Research and development Engineer

Noida, India

03/2019 – 01/2020

- Perform Foundation and Connection design for the structure and issue working drawings for the same
- Developing design worksheets for other teammates for Analysis and design of Steel and RCC structures such as HP Pump Shed, Piperack, BOG Shed, Cable Trench with Indian Code & Euro Code

Roark Consulting Engineer LLP

Structural Engineer

Noida, India

08/2017 - 03/2019

- Perform steel and reinforced concrete designs such as apartment buildings, Industrial buildings, Metro buildings, etc
- Drafting and development of structural projects by the means of creating new structural plans and revising existing drawings

EDUCATION

Frankfurt School of Finance & Management

Master of Applied Data Science (M.Sc.)

Frankfurt, Germany

Relevant Courses: Algorithms, Machine Learning, Cloud Computing, Data Analytics, Deep Learning

08/2022 - current

Project-1: Music and Movie Recommendation Engine Using Clustering Technique with the help of

K-Means Algorithm was acquitted from Kaggle which contained more than 5000 music, and movies each

Project-2: Future Stock Price Prediction using Deep Learning Technique

Project-3: Audio recognition using DTW(Dynamic Time Wrapping) and RNN

DR. APJ Abdul Kalam University

Bachelor of Technology (B.Tech.) in Civil Engineering

Mathura, India

06/2013 - 06/2017

Project: Data Analysis of Real Estate Projects

CERTIFICATES, SKILLS & INTERESTS

- **Graduate Management Admission Test (GMAT):** 760 score 04/2021
- **Certificate:** Deep Learning, Data Analytics
- **Programming:** Microsoft Office – professional, Python – Intermediate, R Studio – Basic, SQL-Basic
- **Python & Machine Learning Libraries:** NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow, Keras
- **IDE's (Integrated Development Environments) & Tools:** – Anaconda, Jupyter Notebook, Tableau
- **Languages:** Hindi - native; English - proficient; German – basic (Pursuing A2 level)