VIJIT MEHROTRA

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WORK AUTHORISATION

Germany • India

INDUSTRY EXPERTISE

Quantitative Methods **Data Warehousing Business Analytics** Time Series **Predictive Analytics** Machine Learning Data Visualisation Data Mining NLP Big Data Analytics

EDUCATION

University of Hildesheim International Master's in Data Analytics

Jain University Bachelor of Computer Applications in Data Analytics CGPA 8.625/10

CMR NPS School CBSE AISSCE Class XII Examination

Aggregate: 89.4%; Relevant coursework: English, Economics, Mathematics, Business Studies, Accountancy

7 2017 – 2020

Hildesheim, Germany

17 2014 – 2017

Bangalore, India

17 2012 **–** 2014

77 2017 – 2020

Bangalore, India

EXPERIENCE

University of Hildesheim, Masters Student, Machine Learning Projects

- 'Stable Learning of Multiple Agents'. Game theoretical oriented approaches are becoming more popular in Machine Learning. Goal is on understanding and implementing Competitive Gradient Descent Algorithm, one of the new ideas to emerge to compute Nash-equilibria in a more stable manner, applying to novel setting and investigating possible improvements in training GANS such as Stability and Convergence. In the n-player game, each agent usually a neural network tries to minimize its own objective function and the goal is to find a Nash-equilibrium so that no agent can gain from changing its strategy
- 'Large Scale Dynamic Machine Learning Work Flow'. Goal of the project was to work on distributed algorithms on four test problems across three architectural frameworks to obtain better execution time and system performance for large datasets; collaborated with fellow students on the research project

First American (India) Pvt Ltd, Graduate Trainee, Data Analytics Application in the Mortgage Industry

As a Graduate Trainee, provided transaction and analytics services to the UK office within the Real Estate and Mortgage Industry through Data Mining

Jain University, Student, Data Visualization Project in the Financial Services Industry

As an Undergraduate Student, developed an analytical solution to visualise banking and financial data of stocks and bonds; utilized data visualization (BI) tool BellaDati to provide key insights to wealth management customers aimed at increasing their revenue

Hildesheim, Germany

77 Jun 2017 – Sep 2017 Bangalore, India

17 2014 **–** 2017

Bangalore, India

VIRTUAL EXPERIENCE / CERTIFICATES

Google Data Analytics Professional Certificate

Data types and structures; using data to solve problems; analyzing data; data visualizations

Mendix Rapid Developer Certificate

• Successfully demonstrated the knowledge, skills and experience required for the mendix rapid developer certification

Quantium Virtual Experience Program Participant 2021 - 26h

Participated in the open access Quantium Virtual Experience Program with Forage

Tasks Completed

- Data preparation and customer analysis
- Experimentation and uplift testing
- Analytics and commercial applications

KPMG Virtual Experience Program Participant 2021 - 8h

Participated in the open access KPMG Virtual Experience Program with Forage

Tasks Completed

Data Quality Assessment

Jul 2021 - Present

Germany

77 Sep 2021

Germany

📅 May - Jun 2021

Virtual, 26h



Virtual, 18h

- **Data Insights**
- Data Insights and Presentation

Goldman Sachs Virtual Experience Program Participant 2021 - 8h

Participated in the open access Goldman Sachs Virtual Experience Program with Forage

Tasks Completed

- Cryptography basics
- Password cracking
- Password best practice

ANZ Virtual Experience Program Participant 2021 - 13h

Participated in the open access ANZ Virtual Experience Program with Forage

Tasks Completed

- **Data Segmentation**
- Data Visualisation
- **Data Analysis**
- **Predictive Analysis**



77 Apr 2021

Virtual, 8h

INDEPENDENT ONLINE COURSEWORK

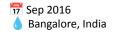
Udemy (Online Course)

- Big Data Basics
- Java 8 Beyond the Basics
- Business Data Analytics using Excel •
- Querying
- Introduction to Databases & SQL Getting Started with Apache Cassandra
 - Advance Databases and SQL Querying
- Apache Hadoop EcoSystem Hive Training Sets, Test Sets, R and ggplot

Feb 2016 – Jun 2017 Bangalore, India

MongoDB University (OnlineCourse)

MongoDb for Developers



TECHNICAL SKILLS

Frontend and Backend

- CSS
 - XML
- C, C++
- Shell
- Gitlab
- HTML JavaScript
- MySQL
- Java
 - React JS
- Machine Learning
- Hadoop EcoSystem
- TensorFlow
- MPI
- Tableau
- NOSQL

R

Spark BigQuery

Data Analytics and Data Science

Python

- **Data Warehousing**
 - **Google Cloud Platform**
- Mining
- Pytorch

Software Tools and OS

- Mendix
- Microsoft Office
- Linux
- Macintosh
- Windows

LANGUAGES

German Beginner •••••

English Fluent ••••

Hindi Native ••••

French Beginner •••••

INTERESTS

• Karate (orange belt) • Music • Cooking • Tennis • Photography • Travel • Tech & Gadgets • Gaming