

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

 2017 – 2020
 Hildesheim, Germany



Jain University

Bachelor of Computer Applications in Data Analytics CGPA 8.625/10

 2014 – 2017
 Bangalore, India

CMR NPS School

CBSE AISSCE Class XII Examination



 2012 – 2014
 Bangalore, India

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

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*

 2017 – 2020
 Hildesheim, Germany



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

 Jun 2017 – Sep 2017
 Bangalore, India

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

 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

 Jul 2021 - Present
 Germany

Mendix Rapid Developer Certificate

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



 Sep 2021
 Germany

Quantum Virtual Experience Program Participant 2021 - 26h

Participated in the open access Quantum Virtual Experience Program with Forage

Tasks Completed

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



 May - Jun 2021
 Virtual, 26h

KPMG Virtual Experience Program Participant 2021 - 8h

Participated in the open access KPMG Virtual Experience Program with Forage

Tasks Completed

- Data Quality Assessment

 Apr 2021
 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


 Apr 2021
Virtual, 8h

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

 Apr 2021
Virtual, 13h

INDEPENDENT ONLINE COURSEWORK


Udemy (Online Course)

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

 Feb 2016 – Jun 2017
Bangalore, India

MongoDB University (OnlineCourse)

- MongoDB for Developers

 Sep 2016
Bangalore, India

TECHNICAL SKILLS

Frontend and Backend

- CSS
- XML
- C, C++
- Shell
- Gitlab
- HTML
- JavaScript
- MySQL
- Java
- React JS

Data Analytics and Data Science

- Machine Learning
- Hadoop EcoSystem
- TensorFlow
- MPI
- Tableau
- Python
- R
- Spark
- NOSQL
- BigQuery
- 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