

Jai Chandak

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[Github Profile](#)

PROFILE	A diligent engineer having diverse work experience in engineering and IT. Highly motivated individual with a passion and practice in ETL and data analysis. Eager to leverage strong analytical skills in SQL, Azure and AWS to contribute to data-driven decision-making.
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EDUCATION

2022 – 2024	MSc - Communications and Multimedia Engineering with special emphasis in Statistics and Data Science <i>University of Erlangen-Nürnberg, Germany</i>
2016 - 2020	BEng - Electrical and Electronic Engineering <i>University of Bath, UK</i>

EXPERIENCE

2024	Data Scientist Intern <i>Fraunhofer IIS, Germany</i> <ul style="list-style-type: none">- Designed and automated end-to-end machine learning pipelines for analysis of production sensor meters- Orchestrated tasks using Python and Airflow within AWS- Improved operational workflow by 20%
2023	Machine Learning Research Intern <i>University of Erlangen-Nürnberg, Germany</i> <ul style="list-style-type: none">- Developed and tested data-free pruning methods for image classification models on PyTorch- Compressed models to 25% of their original size with minimal loss in prediction accuracy
2022 - 2023	Junior Data Analyst <i>Preface Coding, Hong Kong</i> <ul style="list-style-type: none">- Built ETL (Extract, Transform, Load) pipelines to extract transactional and event data from a web app with 20000 users.- Performed advanced analytics functions and data modelling- Utilised SQL and Power BI to create 15+ dashboards and ad hoc reports to support the business with making data-driven decisions

SKILLS	<ul style="list-style-type: none">- Python- SQL- AWS- Apache Spark- Apache Airflow	LANGUAGES	<ul style="list-style-type: none">- English- Mandarin- German
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