



GUSTAV SELFORT HARTZ

Data Engineering & Science

- Ambitious with a passion for artificial intelligence, algorithms, big data, and machine learning
- Human-centered Artificial Intelligence at the Technical University of Denmark.
- Currently focused on serverless ELT, Big Query, DataForm, and Infrastructure as code.

Education

Present	• MS HUMAN CENTERED ARTIFICIAL INTELLIGENCE
2020	TECHNICAL UNIVERSITY OF DENMARK <i>GPA -</i> My master's program revolves around the specialization within Data Science and focuses on Algorithmic techniques for large data models, Optimization, and Machine learning along with cognitive science.
2019	• VISITING STUDENT UNIVERSITY OF BRITISH COLUMBIA Advanced courses within algorithms and artificial intelligence along with courses in organizational behavior and programming. Fall semester 2019
2020	• BS STRATEGIC ANALYSIS AND SYSTEMS DESIGN
2017	TECHNICAL UNIVERSITY OF DENMARK The program Strategic Analysis and Systems Design aim at giving the students a combination of technical-scientific, commercial and social science competencies. The area of focus I choose was within Computer Science.
	• BUSINESS ECONOMICS
2016	ORDRUP GYMNASIUM
2013	At Ordrup Gymnasium I studied the program Business Economics, and was part of the Social Studies Student Talent Club

Work Experience & Projects

Present	• JUNIOR DATA SCIENTIST - <i>GREENMOBILITY A/S</i>
2019	Development of web-applications for data extraction, data analysis and visualizations along with SQL data extraction. Since April 2020 I have been in charge of data and BI within the company
2021	• INTRODUCTION TO PROGRAMMING AND DATA PROCESSING - <i>DTU</i> Teaching assistant in a three-week intensive course in python programming and data processing and data manipulation
2020	• INTRODUCTION TO PROGRAMMING - <i>DTU</i> Teaching assistant for a section of 50 Students in the basic concepts for Java and Object-Oriented Programming
2020	• ALGORITHMS FOR MUSIC INDEXING - <i>BACHELOR THESIS</i> Leveraging spectrograms and clever filtering methods to identify songs for noisy song snippets. Methods used: Target-zoning, Brute Force, and LSH
2019	• OPTIMIZING PLACEMENT OF BIKESHARING STATIONS - <i>DONKEY REPUBLIC</i> A study that demonstrates how both private and publicly available data can be leveraged to predict performances of potential hubs around the city of Copenhagen. This resulted in an internship offer

Personal Info

Address

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Software

Python	●●●●○
SQL	●●●○○
PowerBI / Tableau	●●●●○
Java	●●○○○
Google Cloud	●●●○○
Javascript	●●○○○
Excel	●●●○○

Language

English	●●●●●
Danish	●●●●●

Skills

Strategic Planning
Data Analysis
Data Visualisation
Analytics to Action