

## Data Science Experience

Frame	Task	Technologies
Module: Scalable Database Technologies 1	Lectures on intricacies of traditional Databases	-
Module: Scalable Database Technologies 2	Lectures on NoSQL, Cloud and other Databases	Neo4J Graph Database
Module: Big Data Project	Anomaly Detection in Internet Traffic Data	Python
Module: Data Warehousing and Data Mining Project	Analysis of Citation Dataset	Microsoft Data Warehouse
Module: Data Preparation & Cleaning	Data Cleaning and Entity Matching Projects	Python, SQL
Module: Visualisation	Dataset Visualization	C++, Phantom
Module: Multivariate Statistics and Data Mining	Lectures on Statistics	R-Studio
Module: Graphs and Biological Nets	Implementation of Graph Data Analysis Algorithms	Python
Module: Methods and Applications in the Digital Humanities	Analysis of image generation prompt datasets	Python
Master's thesis	End-To-End Reinforcement Learning	Reinforcement Learning Trainging of Neural Networks in Python, C# in Unity
Hobby Project	Data Mining and Analysis of Online Product and Transaction Data	Python, BeautifulSoup, Power BI
Work Experience at IT Sonix	IBM DB2 Administration	IBM DB2