

Rocky Auer

| +4917624386685 | rocky2397@icloud.com
www.linkedin.com/in/rocky-auer-981249155

EDUCATION

Maastricht University

MSc in Artificial Intelligence

current GPA: 7.2/10 (equivalent to US GPA of 3.4/4.0)

Maastricht, Netherlands

September 2022 - February 2025 (expected)

- **relevant coursework**

- Machine & Deep Learning
- Natural Language Processing (Information Retrieval & Text Mining, Advanced NLP)
- Computer Vision
- Computational Statistics

Johann Wolfgang Goethe University

BSc in Economics and Business Administration

final grade: second upper class

Frankfurt am Main, Germany

October 2017 - July 2021

- **specialized** in Economics (Game Theory, Macroeconomics, Econometrics)

enrolled in the student exchange with the Chungnam National University in South Korea (2019)

Bachelor of Science in Mathematics (minor: Computer Science)

October 2018 - June 2022

- **relevant coursework:** Calculus / Linear Algebra / Programming

PROFESSIONAL EXPERIENCE / VOLUNTEERING / PROJECTS

European Space Agency

Intern - Data Scientist in Market Intelligence

Noordwijk, Netherlands

February 2024 - June 2024

- engineering a tool using transformer architectures and graph databases to analyze articles, extract and visualize relationships between entities, targeting insights into the space economy
- performing sentiment analysis on annual conference reports using advanced NLP techniques to assess market sentiments and trends
- developing a chatbot based on advanced retrieval-augmented-generative techniques for experts to obtain technical information based on technical regulations updated every 4 years

Assenagon Asset Management S.A.

Intern - Artificial Intelligence in Portfolio Management

Munich, Germany

July 2023 - September 2023

- developed a POC to integrate advanced topic modeling and sentiment analysis techniques into our market prediction strategies
- integrated ChatGPT-generated outputs into data analysis tasks utilizing the OpenAI infrastructure, while taking the lead in prompt engineering tasks, optimizing NLP pipelines for improved data insights

Alexander Thamm GmbH

Visiting Data Scientist

Frankfurt am Main, Germany / Remote

February 2022 - June 2023

- worked on projects involving price forecasting for insurance products using ML and econometrics
- engaged in a customer-facing project, advising clients on the integration and application of machine learning models into their business processes

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: Python(Scientific-, ML-, NLP-, CV-libraries, TensorFlow, Keras), Git, MS-Office, SQL

Interests: AI applications, calisthenics, entrepreneurship, films, beats production, fashion