

# Louis Gehringer

**Email:** louis.gehringer@gmail.com | **Linkedin:** www.linkedin.com/in/louisgehringer | **Phone:** +31627042314

## About Me

**Languages:** German (Native), English (Native), French (Intermediate), Arabic (Basic).

**Technical:** Python, Object Oriented Programming, R, Databases, SQL, Scikit-Learn, Tensorflow, Keras, API's.

**Interests:** Machine Learning, Software Engineering, Data Science, Piano Music Composition, Tennis.

## Education

### Bsc Econometrics and Data Science, University of Amsterdam

2021-2024

*Amsterdam, Netherlands*

- Specialized in Data Science.
- Quantitative degree program with an emphasis on Statistics, Mathematics and Computer Science.
- Developed proficiency in Object Oriented Programming in Python as well as Data Structures and Algorithms.
- Relevant Modules: Statistical Learning, Reinforcement Learning, Time Series Analysis, Multivariate Analysis, Real Analysis, Optimization, Data Structures and Algorithms in Python.

### Bsc Economics and Business Economics, Erasmus University Rotterdam (First Year Completed)

2020-2021

*Rotterdam, Netherlands*

- Relevant Modules: Behavioural Economics, Mathematics & Game Theory, Intro to Data Analysis, Accounting
- Invitation to Bachelors Honours Class after First Semester.

### International Baccalaureate Diploma, Raha International School (Points: 37, Top ~5% worldwide)

2018-2020

*Abu Dhabi, United Arab Emirates*

- Higher Level: Business Management, Biology, English Literature.
- Standard Level: Mathematics, French, Economics.
- Wrote 3000 word essay on propagating plant colonies on Mars, awarded Grade B.

## Work Experience

### Academic Tutor, FBSB

2022-2024

*Amsterdam, Netherlands*

- Facilitated intensive one-on-one tutoring for students of the BSc Econometrics and Data Science, BSc Actuarial Science and BSc Business Analytics covering coursework in Mathematics, Statistics and Econometrics.
- Wrote full course summary for the course Mathematics 1: Calculus.

### Assistant Coach, ISM Sports UAE

2017-2019

*Abu Dhabi, United Arab Emirates*

- Instructed tennis clinics involving students of various ages during weekly sessions, winter camps and summer camps.
- Developed communication skills by formulating advanced tennis concepts in an easily understandable manner to ensure successful progression of students.

## Volunteering

### Event Lead, UvA Google Student Developer Club

2023-Present

*Amsterdam, Netherlands*

- Responsible for organizing various educational events in the tech domain such as Hackathons, Coding Workshops, Guest Speaker Events and In House Days for students from all educational backgrounds.

### Data Analyst, Analytics Academy

2023-2024

*Amsterdam, Netherlands*

- In a team with three other students, developed a Google Looker Studio dashboard to display website analytics for Dutch non-profit peace organization paxvorvreede.
- Processed donation and website traffic data in Excel and Python to create interactive dashboard.

## Personal Projects

### LSTM Time Series Weather Prediction Model

- Developed LSTM model to accurately predict temperature for the Amsterdam region.
- Preprocessed ~300,000 data points of hourly weather data to treat missing values and outliers.
- Connected the model to OpenWeather's API to receive current weather data and create up to date forecasts on demand.