



CONTACT

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GitHub: <https://github.com/svembden>

SKILLS

- Data analysis and processing
- Financial analysis
- Project management
- Leadership

LANGUAGES

Dutch: native

English: fluent

German: upper intermediate

Programming:

Python, Java, R, SQL, MATLAB

CERTIFICATIONS

- EHBO Certification: 02/2015
- CS+ Referee Certification: 04/2017
- HT1 Coach and Trainer Certificate (Field Hockey): 11/2018
- Cambridge Certificate C2 Grade A: 02/2020

INTERESTS

- Finance
- Racing
- Field Hockey

ACTIVITIES

- IJSSELLAND, Children's Advisory Board Member
- Guest Teacher
- Erasmus Free Will Science Project
- Math Olympiad @ Transtrend

SEM VAN EMBDEN

SUMMARY

My friends and family describe me as ambitious and hard-working. I am a person that is always eager to learn and someone who enjoys setting new goals, trying out new hobbies or learning new skills. I have many interests, ranging from finance to quantum mechanics. I enjoy working in teams, at times leading them. In my spare time I enjoy playing racing games, going for a drive on my motorbike, or practicing sports, such as hockey and football.

EXPERIENCE

10 / 2024 – Current

ERASMUS UNIVERSITY ROTTERDAM | Rotterdam

Head Teaching Assistant

- Together with prof. dr. D. van Dijk and dr. O. Kleen coordinated the course Introduction to Machine Learning in year three of the BSc Econometrics. I personally was responsible for the assignment - creating the benchmark accuracies, and the grading.

09 / 2023 – Current (self-employed)

S-INDUSTRY | Rotterdam

Dataspecialist

- Hired by, among others, Salesguide as an independent contractor to handle the gathering, processing and analysis of data to assist in making strategic company decisions for optimizing sales performance. Responsibilities included i.a. data cleaning, statistical analysis, web scraping, the creation of visual reports, and database management.

01 / 2023 – 09 / 2023

SALESGUIDE | Rotterdam

Dataspecialist

- Developed and implemented multiple programmes for the automation of relevant and repetitive tasks to enhance the data gathering process of Salesguide.
- Worked with ELK-stack to process and handle large amounts of data.

EDUCATION

MSc Quantitative Finance

09 / 2024 - Current

ERASMUS UNIVERSITY ROTTERDAM

BSc Econometrics & Operational Research

09 / 2021 – 06 / 2024

ERASMUS UNIVERSITY ROTTERDAM

- Member of **FAECTOR** Study Association.
- Member of **R.S.V. Sanctus Laurentius** Student Association.
- Major in **Quantitative Finance**.

Minor

08 / 2023 – 12 / 2023

ERASMUS EXCHANGE @ AARHUS UNIVERSITY, Denmark

- Followed courses in **Machine Learning**, **Deep Learning**, and **Pricing & Hedging of Derivates (MSc)**.

Gymnasium / VWO

05 / 2021

LIBANON LYCEUM ROTTERDAM

- Completed Gymnasium with the highest number of courses of the school.