

JORAM BAKKER

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EDUCATION

UNIVERSITY OF AMSTERDAM, Amsterdam Business School

Sept. 2024 – Present

Master of Science in Finance

Specialization in Quantitative Finance

Current GPA: 8.54/10 (48 ECTS)

Python projects:

- Developed a cross-sectional equity trading strategy using supervised learning models to forecast stock returns and generate trading signals.
- Developed a simulation-based framework to estimate 10-day VaR measure for an equal-weighted portfolio of AEX and FTSE index returns. The approach combined GARCH modeling for marginal distributions with a bivariate normal copula to capture cross-asset dependence.

TILBURG UNIVERSITY, Tilburg School of Economics and Management

Sept. 2021 – July 2024

Bachelor of Science in Economics and Business Economics

Specialization in Financial Management

GPA: 8.2/10

EXPERIENCE

Financial Employee (working student), Telt Accountants, Barneveld

May 2022 – Present

- Managing financial administrations
- Firm administrator for automation software “Zenvoices”
- Developing Python scripts to automate administrative tasks, using Selenium to control the web browser
- Creating the financial statements of clients

Mathematics Tutor, Johannes Fontanus College, Barneveld

Sept. 2018 – June 2021

- Helped students with their Mathematics homework

PROGRAMMING SKILLS

- Python (NumPy, Pandas, Scikit-learn, Matplotlib, Selenium, Requests)
- R (Using R-studio)
- Git

PERSONAL PROGRAMMING PROJECTS

- Built a Python script to monitor availability of high-demand products and send alerts when items are back in stock
- Developed a Python script that monitors regional water levels and sends automated email alerts when thresholds are exceeded, helping to prevent basement and crawlspace flooding.

CERTIFICATIONS

- Propeduse Tax Economics, Tilburg University
- VECON Business School

ADDITIONAL INFORMATION

- Languages: Dutch (fluent), English (business fluent), German (basic)
- Hobbies: Football (currently playing at the first team of SDVB), fitness, computer programming
- Proficient in Microsoft Word, Excel and PowerPoint