

TOM DE VALK

Data & Analytics Intern at EY and MSc. student Business Analytics at VU Amsterdam, The Netherlands. Former Python developer at Baywater Asset Management and former data analyst at Zilveren Kruis. BSc. Mathematical Engineering. International orientation and culturally aware as a result of upbringing in US, UK and Singapore.



CONTACT

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in Tom de Valk

SKILLS

Python

Machine Learning in Python

SAS

Machine Learning in SAS

Visual Basic for Applications

R Programming

SQL

Java

HTML/CSS

Data Visualization

PowerBI

PROFESSIONAL INTERESTS

Machine Learning
Algorithmic Trading
Data Science
Programming

LANGUAGES

English
Dutch
Spanish



HOBBIES

Fitness
Basketball
Photography
Sports Cars
Hiking

EXPERIENCE

- 02/2022 - Present** Data & Analytics Intern
EY
Amsterdam, The Netherlands
Development of a hybrid deep learning and evolutionary algorithm approach for stock price prediction and portfolio optimization.
- 11/2020 - Present** Python Developer
Baywater Asset Management
Hilversum, The Netherlands
Automation of systematic investment strategies along with the development of a simulation and live trading environment.
- 03/2021 - 06/2021** Teaching Assistant
VU University
Amsterdam, The Netherlands
Assistance of students in online lab sessions, grading of assignments and provision of feedback for the course Computational Intelligence of the BSc. Artificial Intelligence.
- 06/2020 - 08/2020** Data Analyst
Zilveren Kruis
Leusden, The Netherlands
Development of a computer vision model to analyze patient X-rays to enable automated approval of dentist treatments.
- 02/2019 - 06/2019** Data Science & Modelling Intern
Zilveren Kruis
Leusden, The Netherlands
Development of a neural network model for the prediction of health insurance claims to detect inefficient medical care.
- 02/2018 - 07/2018** Software Development Intern
Marketing Evolution
New York City, NY, United States
Development of an application to analyze and categorize image and video advertising using machine-learning APIs.

EDUCATION

- 09/2020 - Present** MSc. Business Analytics
VU University
Amsterdam, The Netherlands
- 09/2019 - 07/2020** Premaster Business Analytics
VU University
Amsterdam, The Netherlands
- 09/2015 - 07/2019** BSc. Mathematical Engineering
The Hague University of Applied Sciences
Delft, The Netherlands
- 09/2017 - 01/2018** Minor Finance & Accounting
HU University of Applied Sciences
Utrecht, The Netherlands

OTHER EXPERIENCE

- 01/2012 - Present** Basketball Trainer & Coach
Eem'78
Eemnes, The Netherlands
Basketball Trainer 2 Certification - Nederlandse Basketball Bond
Coaching and training of multiple basketball teams.