Jonathan Jeroen Beekman

Curriculum Vitæ

"So if you want to go fast, if you want to get done quickly, if you want your code to be easy to write, make it easy to read." - Robert C. Martin, Clean Code

Get to know me on my website: **https://www.jeroenbeekman.net/**

Relevant experience

Vocational

2020-2022   **Python Developer / Scrum Master**, *DeepLynx*, Vienna, Austria.
Setting up the AWS cloud infrastructure for this e-commerce startup. (Technologies are listed in the "Development skills" section). I set up event-driven ETL pipelines between channels and warehouses. Our platform simplifies how you run multiple marketplace stores in Southeast Asia from listing, translation, marketing and shipping. As a scrum master I make sure to keep the development team buzzing and working on maximum impact.

2019-2020   **Python Developer / BI specialist**, *ValueCare BV*, Utrecht.
In this position I set-up big data connections between organisation that handle petabytes of information; manage and develop our data warehouse; develop BI reports; perform analysis on this data with PostgreSQL and Python. Data science applications I developed include predictive analytics and recommender systems for personalised newsletters.

2016-2018   **Student Assistant**, *Institute for advanced study*, Amsterdam.
As one of the first employees of the institute, I did the groundwork in developing a multi-scale system dynamics model on *public health*. With this model, we secured a ZonMW funding for four PhD students. (Link). For this work I got the first acknowledgement in Crielaard L, Dutta P, Quax R, et al (2020) (Link)

Miscellaneous

2013-2014   **Elected board member student council**, *UvA*, Amsterdam.
Half-time board member in the council of the beta faculty of the University of Amsterdam (UvA).

Education

2016-2019	**Master Computational Science (Cum Laude)**, *University of Amsterdam (UvA)*, (GPA 8.3).
2012-2016	**Major Physics with Bachelor Bèta-Gamma**, *University of Amsterdam (UvA)*, Honours student (no certificate), Minor programming. 245EC (GPA 7.7).
2006-2012	**VWO+ (Technasium)**, *Het Streek*, Ede, the Netherlands.

Developer skills (https://github.com/jj1993)

Python (± 6000 hours, e.g. FastAPI, Celery, RabbitMQ, Pytest, Django)
PostgreSQL (± 4000 hours, e.g. Triggers, PL/pgSQL, advanced indexing)
Amazon Web Services (e.g. ECS, SQS, APIGateway, Lambda, S3, DynamoDB)
Other (e.g. Docker, GraphQL/Hasura, Kafka, Airflow)

Master thesis

Title	Understanding biomass dynamics in semi-arid ecosystems
Location	**University of Alicante, Spain**
Key words	Computational ecology, Multi-scale modelling, Complex systems, Emergence
Supervisors	Prof. S. Bautista and F. R. Mateo

Grants

Understanding fundamental causes and effects of socio-economic inequalities in health using a systems science approach

ZonMW	**Project 531003015**, *PI: Prof. Dr. K. Stronks*, € 675.000, Granted 25-01-2018.

Languages

Dutch	**Native Language**
English	**Fluently; ERK C2**
German	**Conversationally; ERK B2**
Spanish	**Conversationally, ERK A2+**
French	**High school final exam**

Hobbies

Meditation, Yoga	Since four years, I meditate on a daily basis, where I explore the nature of my own conscious experience
Climbing	I love the thrill of hanging on to tiny holds on a high wall
Ceramics	Getting my hands dirty and creating crazy art from mud can really engage my creative side
Dancing	I love to visit ecstatic dance ceremonies. These dances are talk-free, bare-feet and there is no intoxication, except for the music