



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 of the company from scratch. Working with state-of-the-art data processing software. 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. I help the team set realistic deadlines and committing to them.
- 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).

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<https://github.com/jj1993>

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.

Computer skills (<https://github.com/jj1993>)

Python (± 6000 hours)

Amazon Web Services

PostgreSQL (± 4000 hours)

Javascript

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 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 pulling myself up on 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

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