

Filip Schouwenaars

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EXPERIENCE

Machine Learning Researcher at VITO, Mol **Aug 2024 - Present**
Support various ML/AI-heavy projects related to sustainability in the broad sense. Full-time employment.

Corporate trainer for various companies **Dec 2024 - Present**
Research, develop, and teach courses on large language models tailored to the organisation's needs. Freelance.

VP of Product & Engineering at DataCamp, Leuven **Jan 2021 - Jul 2024**
Leading the design, development, and GTM for DataLab, an AI-enabled data notebook. Managing a multi-disciplinary team of 10. Full-time contract.

Lecturer at Thomas More **Sep 2020 - Aug 2021**
Teaching data science, artificial intelligence, data management, and cloud infrastructure. Part-time.

Machine Learning Engineer at Magics Technologies, Geel **Mar 2020 - Dec 2020**
Design, development, deployment and maintenance of AI sensor platform to monitor industrial processes. Stack in Python (Flask), Vue.js, PostgreSQL. Running on k8s on GCP, managed through Terraform. Part-time contract.

Product Manager at Lynxcare, Leuven **Mar 2020 - May 2020**
Functional specification of next iteration of NLP application to turn medical unstructured text into annotated concepts ready to be analyzed. Part-time contract.

CTO at SweepBright, Antwerp **Jun 2019 - Jan 2020**
Technical, project, and people management for a team of 6 developers working to make real estate agencies more productive and customer-centric. Stack in PHP (Laravel), JS (Node, React), Swift, Python.

South America **Oct 2018 - Apr 2019**
Sabbatical to travel through Bolivia, Peru, Ecuador, and Colombia.

DataCamp, Leuven **Sep 2014 – Sep 2018**
As the first employee, I assumed both technical and management roles to help grow the company into a leading player in online data science education.

Engineering Lead **Apr 2018 - Sep 2018**
Improved and maintained DataCamp's automated grading and feedback generation systems.

VP of Engineering **Sep 2017 - Mar 2018**
Managed 7 engineering teams, ensuring continuous delivery of high-quality software.

Engineering Lead **Sep 2015 - Aug 2017**
Managed a team of 5 engineers to conceive, build, and maintain infrastructure-heavy learning apps.

Software Engineer **Sep 2014 - Aug 2015**
Worked on the platform in various ways (web applications, infrastructure, automated grading software).
Authored 6 DataCamp courses in both Python and R, taken by over 2.8 million students to date.

R&D Intern at Technicolor, Edegem **Aug 2013 – Sep 2013**
Designed, executed, and analyzed 4G gateway performance measurements.

Private Tutor at Sagio, Leuven **Nov 2012 – Mar 2014**
Taught mathematics and statistics to university students majoring in economics.

R&D Intern at Egemin Automation, Zwijndrecht **Aug 2012 – Sep 2012**
Designed 3D computer vision system for logistics automation.

EDUCATION

- KULeuven** **2013 – 2014**
M.Sc. in Artificial Intelligence, option Engineering and Computer Science – summa cum laude (86%)
Additional management and finance courses at the Faculty of Economics and Business (75%)
Thesis: Kernel methods for music visualisation – 17/20
- KULeuven** **2011 – 2013**
M.Sc. in Electrical Engineering, Multimedia and Embedded Systems – magna cum laude (82%)
Exchange year at EPFL (Swiss Federal Institute of Technology) – 5.84/6
Thesis: Scene stitching in large scale mobile mapping – 16.6/20
- KULeuven** **2008 – 2011**
B.Sc. in Electrical Engineering, minor Mechanical Engineering – magna cum laude (79%)

SKILLS

LANGUAGES

Dutch	Native
English	Fluent (C2)
French	Fluent (C1)
Spanish	Fluent (C1)
German	Basic (B2)

PROGRAMMING

Python (Data Science, Flask, Django), JavaScript (NodeJS, React, Vue), Ruby
R, Matlab, SQL (mainly for analytics), PostgreSQL, Bash, Git
Docker, Kubernetes, Terraform, Helm, Git, dbt
C/C++, Java (including for Android), Prolog

OTHER

Agile methodologies (Scrum and Kanban, including its ceremonies)
People management (one-on-ones, performance reviews, hiring/firing)
Improving development processes (CI/CD flows, knowledge sharing)
Release management (preparation, deployment, communication)
Technical management (authoring technical specs and roll-out plans, code reviews)
Product management (authoring functional specs, lean thinking)

OTHER

VOLUNTEERING

Buddy for young refugees who arrived alone in Belgium.

HOBBIES

Running, reading, hiking, backpacking, music.

BOY SCOUTS

Member for 14 years, leader for 4 years.