

Filip Schouwenaars

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EXPERIENCE

Owner at Fliptech BV

Jun 2019 – Present

Freelance work for startups in different technical roles. Responsibilities range from software design and development, over product and technical management to project and people management.

Machine Learning Engineer at Magics, Geel

Mar 2020 - Present

Development and deployment of Python-based platform to manage AI-powered sensor nodes deployed to monitor industrial processes. Management of subcontractor projects.

Product Manager at Lynxcare, Leuven

Mar 2020 - May 2020

Spec'ed out next iteration of an NLP-powered solution to turn medical unstructured text into annotated medical concepts ready for analysis.

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 to the world's leading player in online data science education with over 80 employees.

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 the continuous shipping 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.

SIDE PROJECTS

Soundscrapes - www.soundscrapes.com

Jun 2019 – Present

Discover your ideal festival summer through your Spotify activity. Uses the Python Django framework, backed by Redis, PostgreSQL, Celery.

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

JavaScript (NodeJS, React/Redux), Ruby on Rails, HTML/CSS
Python, R, Matlab, MySQL, PostgreSQL Bash
Docker, Kubernetes, Terraform, Git, AWS, GCP, CircleCI, TravisCI
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

BOY SCOUTS

Member for 14 years, leader for 4 years.

HOBBIES

Reading non-fiction, running, hiking, backpacking, music.