

# Filip Schouwenaars

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## EXPERIENCE

### Freelance Engineering Manager at SweepBright, Antwerp

Jun 2019 - Present

Product, technical, project and people management for a team of 6 developers working to make real estate agents productive and customer-centric. Stack includes PHP (with Laravel), JavaScript (React and Node).

### South America

Oct 2018 - Apr 2019

Sabbatical to travel through Bolivia, Peru, Ecuador, and Colombia with my partner.

### 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 technical team of 5 people 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 2.4 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.

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## 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%)

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## 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  
R, Python, Matlab, SQL, Bash  
Docker, AWS, Jenkins, CircleCI, TravisCI, Git  
C/C++, Java (also for Android), Prolog

### OTHER

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

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## OTHER

### BOY SCOUTS

Member for 14 years, leader for 4 years.

### HOBBIES

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