

Rien Maertens

A **computer scientist** with a **creative** mindset. Enjoys solving complex challenges with **simple solutions**. Has a nose for **security** and an appetite for **performance**. Works towards a better world for everyone.

Experience

Full stack developer for [Dodona](#), a **Ruby on Rails** application to teach programming. Currently **researching** code similarity detection.

Cybersecurity enthusiast. Winner of the Cyber Security Challenge Belgium 2019 and part of the **national team** in the European Cyber Security Challenge 2018 (London).

Researcher for my masters dissertation on [Unipept](#). Optimizing the metagenomics analysis pipeline written in **Rust**.

Software developer as an intern at [Comsof](#), a fiber network design company. Optimized the **Java** software responsible for optimal pole placement.

Teaching assistant as a student job.
2018 Java course for first-year students.
2017 Python course for first-year students.

Systems administrator and **board member** of the student hacker space [Zeus WPI](#), with a passion for open source software.

Contact

[Ghent, Belgium](#)
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Technologies

Programming:

Ruby, Java, Python, C, C++, Rust, Javascript, Haskell, Typescript

Frameworks:

Ruby on Rails, Java Spring, Flask, Rocket, TensorFlow

Software:

Unix, Git, MySQL, LaTeX, Ansible, NGINX, Postfix

Education

Computer Science at Ghent University
MSc. 2017 - 2019 (cum laude)
BSc. 2014 - 2017 (cum laude)

Hobbies

Discovering and learning new technologies.

Solving puzzles, CTF's and programming competitions.

Tinkering with Unix systems: servers, laptops ...

Performing theatre and improv comedy.