

Daan Hensmans

Software Engineer

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📅 1 March 2001

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PROFILE

Software Engineer with a Master's specialization in Low-Level Environments and Compiler Design. Expertise in bridging the gap between hardware and software through software optimization, OS internals, and hardware-level performance tuning.

EDUCATION

09/2024 – 06/2026

Brussel

Vrije Universiteit Brussel

Master Software Engineering: Software Languages

- Specialization in low-level environments: compilers, security, optimization, and programming languages.

09/2025 – 01/2026

Gothenburg, Sweden

Chalmers University of Technology

Master Software Engineering - Erasmus

- My Erasmus semester was spent at one of the leading engineering universities in Scandinavia.

09/2021 – 07/2024

Brussel

Vrije Universiteit Brussel

Bachelor in Computerscience

09/2019 – 06/2021

Leuven

KU Leuven

Bachelor Civil Engineering: Architecture

- Key foundation in engineering principles and structural design before transitioning to Computer Science.

PROJECTS

Throughout my studies, I have created many projects, both personal and for university. Each project has given me a set of skills and an understanding of new concepts. Notable projects include building a compiler, creating an efficient C program on an embedded device and working on multiple parallel and concurrent projects, as well as testing results to improve speed. Further details of these projects can be found on my website and on GitHub.

SKILLS

- Operating Systems (OS) Internals
- Team Work and Communication
- Concurrency & Multithreading
- Compilers and Interpreters
- Low and High Level Programming Languages
- Computer Architecture

LANGUAGES

Dutch



English

