

Daan Hensmans

Software Engineer

✉ Daan.Hensmans@gmail.com ☎ +32468187425 📍 Belgium, Leuven 📅 1 March 2001

🌐 www.daan.zip 🌐 in/hensmans 🌐 /hensmans

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

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| 09/2024 – 06/2026
Brussel | Vrije Universiteit Brussel
<i>Master Software Engineering: Software Languages</i> <ul style="list-style-type: none">Specialization in low-level environments: compilers, security, optimization, and programming languages. |
| 09/2025 – 01/2026
Gothenburg, Sweden | Chalmers University of Technology
<i>Master Software Engineering - Erasmus</i> <ul style="list-style-type: none">My Erasmus semester was spent at one of the leading engineering universities in Scandinavia. |
| 09/2021 – 07/2024
Brussel | Vrije Universiteit Brussel
<i>Bachelor in Computerscience</i> |
| 09/2019 – 06/2021
Leuven | KU Leuven
<i>Bachelor Civil Engineering: Architecture</i> <ul style="list-style-type: none">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

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

LANGUAGES

Dutch	● ● ● ● ●	English	● ● ● ● ●
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