

Matisse Callewaert

Computer Science Engineer - matissecallewaert.me



CURRICULUM

ABOUT ME

Hi! My name is Matisse Callewaert. I am a computer science engineer who graduated from the University of Ghent. I am an ambitious and sporty young professional passionate about solving the world's problems through technology. I thrive on tackling complex challenges and crafting innovative solutions using the latest technologies available on the market.

PERSONAL

Matisse Callewaert
nationality: Belgian
26/06/2002

SKILLS

Rust • Software design
• Project management • High level architecture • Network security

INTERESTS

Passionate about tackling complex problems by designing efficient and robust solutions. I enjoy breaking challenges into logical components and leveraging proven design patterns to develop reliable and maintainable software.

LANGUAGES

Dutch | mother tongue
English | ● ● ● ●
French | ● ● ● ●

aug. 2020, 2021, 2022

Lifeguard at sea

SUMMER JOB · IKWV

Worked as part of a team to ensure the safety of swimmers in the Belgian sea.



aug. 2023–sep. 2023

Full stack software engineer

INTERNSHIP · We are

Worked on various projects where I developed skills in writing professional, clean, and maintainable code. Gained experience in interacting with REST APIs and GraphQL. Proficient in building web applications using React and creating robust backend systems with Fastify, PostgreSQL, and Docker.



2023–2024

Full stack software engineer

FULL STACK DEVELOPER · Alternatief BV

Gained experience in maintaining an existing ERP system, which included developing integrations with other ERP platforms, implementing new features, and resolving bugs.



aug. 2025–sep. 2025

Full stack software engineer

INTERNSHIP · We are

Worked together with the project manager to improve the project management by analyzing tools and writing an integration platform to connect everything.



2025–present

Co-Founder & CTO

STARTUP · Strategoo

Working together with a wealth expert to create a platform around financial wellbeing where the user can manage his own wealth. The platform is also used by financial advice givers to collaborate on cases and to improve datacapture and advice giving.



DEGREES

2020–2024

Engineering in Information Technology

MASTER – CUM LAUDE · University of Ghent



2024–Present

Master of science in computer science engineering

MASTER · University of Ghent



PROGRAMMING

Rust



Python



C++



JS



C#



PUBLICATIONS

Thesis

Real-Time Adaptive Feature Extraction for ML-Based Network Intrusion Detection

Paper

RustiFlow: Bridging the Gap Between Security Research and Practice using eBPF-based Network Flow Extraction

PROJECTS (ALMOST ALL PROJECTS CAN BE FOUND ON MY GITHUB)

RustiFlow

A CLI tool made for feature extraction out of real-time network traffic.

DynaRoster

Web-based software to manage employees and generate schedules.

AI Tetris

A genetic algorithm learning how to play Tetris.

BashBuddy

A CLI tool that manages your commands in categories.

AxisFinance website

Together with a friend we reworked the companies website to something new and young.