

Matisse Callewaert

Computer Science Engineer - matissecallewaert.me



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	• • • • •

matissecallewaert

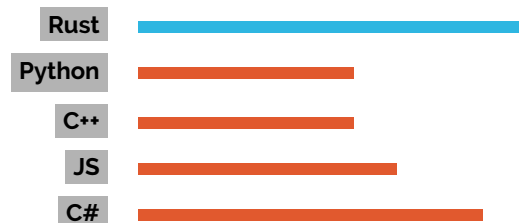
CURRICULUM

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



PUBLICATIONS

Thesis	<i>Real-Time Adaptive Feature Extraction for ML-Based Network Intrusion Detection</i>
Paper	<i>RustiFlow: Bridging the Gap Between Security Research and Practice using eBPF-based Network Flow Extraction</i>

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.

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