





Maurice Van Wassenhove

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Master of Science in Computer Science Engineering & Bachelor of Science in Computer Science

About Me

Hi, I am a master student in Computer Science Engineering at the university of Ghent with a bachelor in Computer Science. I have an interest in developing correct, secure, and efficient software and I am on the lookout for new experiences!

I was born and raised at the lovely Belgian Coast, in Ostend. With the big sand beaches and North Sea becoming my second home. Now, after almost finishing my studies in the city of Ghent, I intend to move to Ghent where currently most of my activities take place.

Education



Master of Science in Computer Science Engineering

Ghent University

2022 - 2024

Ghent, Belgium

- Thesis: Air Drumming: Applied on-device body pose estimation
- Courses: Data Quality | Big Data Technology | NoSQL Databases | Cloud Storage and Computing | Discrete Algorithms | Computer Graphics | Fundamentals of Musical Acoustics and Sonology



Bachelor of Science in Computer Science (cum laude)

Ghent University

2019 - 2022

Ghent, Belgium

- Minor: Electrotechnique & telecommunications



General Secondary Education: Latin-Maths

College Petrus & Paulus

2013 - 2019

Ostend, Belgium

Professional Experience



Software Developer Internship

Guardsquare

July - August 2023

Leuven, Belgium

- Mainly worked on improving the error messages thrown by the `proguard-core` open source project.
- Created an internal tool to visualize the proguard core reasoning using compose multiplatform.

Java Kotlin Gradle Compose Multiplatform Java Bytecode



Student Software Developer

Stampix

July 2022

Ghent, Belgium

- Responsible for creating the new shop page for the Stampix mobile application.

TypeScript React Native GraphQL Full-Stack Development



Student Software Developer

Stampix

July 2021

Ghent, Belgium

- Responsible for adding the ability to buy extra products at the checkout page, both in the frontend and backend of the site.
- Constructed the complete track and trace page for customer orders.

TypeScript React Python SQL Full-Stack Development

Projects

REST-API using Rust, OpenAPI and Postgres

Personal Group Project

Present

Ghent, Belgium

- A project I am quite passionate about, which builds the backend for a mobile- and web application. The application is currently a master thesis project on facilitating routines and planning for children with an autism spectrum disorder (ASD) and their parents or caregivers.
- The web api is built using Rust and the Poem OpenAPI web framework, leveraging the power of Rust to build a REST-API that is conform to the OpenAPI specification.
- Using Postgres and Sqlx for SQL Database migrations and compile-time checked queries.
- As the project requires storing sensitive data, we built the authentication and authorization schemes following the OWASP Foundation recommendations.

Certificates

- 2019 **Fourth Degree in Music: Classical Piano**, Conservatorium Aan Zee, Ostend
- 2019 **International Driving License: Category B**, EU
- 2019 **Initiator Tennis Coach**, Sport Vlaanderen
- 2018 **First Aid Certificate**, Red Cross (Belgium)

Skills

Languages	Dutch (Native) English (Fluent) French (Basic)
Programming	Rust Kotlin Java C++ C JavaScript TypeScript Bash Assembly Haskell
Languages	Prolog Python HTML CSS
Tech & Others	Git GitHub Actions Typst Linux REST OpenAPI Agile Semantic Versioning
Personal Interests	Piano DJ'ing Exercising