Maurice **Van Wassenhove**

Mouwrice | +32 492 45 01 71 | mauricevanwassenhove@fastmail.com |
maurice-van-wassenhove

Master Computer Science Engineering & Bachelor Computer Science (Informatics)

About Me

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

Education

Master Science in Computer Science Engineering   *2022 - 2024*
Ghent University   *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 Accoustics and Sonology

Bachelor of Science in Computer Science (cum laude)   *2019 - 2022*
Ghent University   *Belgium*
- Minor: Electrotechnique & telecommunications

Professional Experience

Software Developer Internship   *July - August 2023*
Guardsquare   *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   *July 2022*
Stampix   *Ghent, Belgium*
- Responsible for creating the new shop page for the Stampix mobile application.

`TypeScript` `React Native` `GraphQL` `Full-Stack Development`

Student Software Developer   *July 2021*
PQR Corporation   *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   *Present*
Personal Group Project   *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   **Initiator Tennis Coach**, Sport Vlaanderen
2018   **First Aid Certificate**, Red Cross (Belgium)

Skills

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