


Maurice Van Wassenhove

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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 Computer Science. I have an interest in developing correct, secure, and efficient software and I am on the lookout for new experiences!

Education

 **Master of Science in Computer Science Engineering** 2022 - 2024
GHENT UNIVERSITY 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)** 2019 - 2022
GHENT UNIVERSITY Ghent, Belgium

- Minor: Electrotechnique & telecommunications

 **General Secondary Education: Latin-Maths** 2013 - 2019
COLLEGE PETRUS & PAULUS Ostend, Belgium

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
STAMPPIX 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
STAMPPIX 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 **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 _____

<div>👤 Alex Chen</div> <div>Software Engineer</div>	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								