

# Michael Mussel

MSc CSE Student

+31-6-2922-4610  
Date of Birth 12.7.1996  
m.d.mussel@student.tue.nl  
[GitHub](#)



## Education

### Master's program of Computer Science and Engineering

Technical University of Eindhoven (2025 - present)

- Program verification using BDD graphs, state machine checking and contract validation.
- Real time systems schedule construction and validation.
- Evaluation of existing systems using statistical analysis, design using low-latency programming.

### Bachelor program of Computer Science and Engineering

Technical University of Eindhoven (2019 – 2025)

**Software End Project – ExactOnline automation, final grade 8.**

- Special interest in data management, cross-discipline collaboration and defense tech innovations.
- Insight into the complexities of technical industry workings and the dependency of finished products on every part of the engineering process.

Seoul Foreign High School (2010 – 2014)

- International Baccalaureate Diploma
- Higher level Biology, Psychology and English
- 150 Hours community service

## Work Experience

### Ximius (2022 – 2025)

- Back-end software development for capacity management of diverse international healthcare companies.
- Privacy regulation maintenance ISO-127001.
- Technical work with time sensitive operations.

### Teacher assistant TU/e (2020 – 2022)

- Further theoretical exploration not available through individual work.

## Traits and Interests

Inquisitive, technically intuitive and communicative.

Automating tasks to reduce time costs on repetitive manual jobs.

Finding ways to recreate legacy programs by replacing processing bottlenecks.

## Profile

- English (Native), Dutch (Fluent), Hebrew (Fluent), French
- Hobbies include strength training, playing guitar and wildlife hiking.
- Java (Experienced), Python (Experienced), Rust (Advanced), JavaScript (Intermediate), HTML, SQL.
- Versed in Docker, Git, Agile workflow, Postman, and Microsoft Office.

### Defense (2015 – 2018)

- Adherence to corporate similar structure and cooperation. Leadership in a high stress and high risk environment.

### Dovrat Agricultural Work (2014 – 2015)

- Executed variety of roles under deadline oriented specifications of a structured organization.