Mathias Boeckx

Curriculum Vitae

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2300 Turnhout

EDUCATION

Bachelor in Cloud and Cyber security (2025 - present)

- Securing infrastructure
- Setting up scalable and reliable cluster environments using Infrastructure as Code (IaC)
- Working with cloud service providers (AWS and Azure)

Graduate in Internet of Things (2023 - 2024)
Graduated with high distinction

- Programming and working with Embedded Devices in C (ESP32, Orange Pi, Microchip Studio)
- Programming small applications in Python
- Setting up Docker containers and working with Docker Compose
- Setting up an MQTT broker using Eclipse Mosquitto and utilizing it
- Installing and working in Linux environments

WORK EXPERIENCE

Internship at Absolem Engineering Turnhout (2024)

- Programming (Python, ST for Beckhoff PLC)
- Electronics and PCB design

Truck Mechanic at Volvo Truck Center Olen (2020 - 2023)

SOFT SKILLS

Autonomous

- Able to work independently
  - Completed IoT courses through self-study (Electricity lab, Digital Skills)
  - Keen interest in discovering and applying new technologies

Analytical

- Quick understanding of new systems and structures
- Comfortable with new components

LANGUAGE PROFICIENCY

- Dutch: native language
- English: reading – good, speaking – basic
- French: interested in taking a course or training

INTERESTS

- Programming and working with embedded devices
- 3D design and printing
- Indoor & outdoor rock climbing
- Nature walks
- Travelling