



# BART GYSEN

📍 OUDE LIERSEBAAN 113, 2220, HEIST-OP-DEN-BERG, BELGIË 📞 0471416082

## ◦ PERSONAL DETIALS ◦

Oude Liersebaan 113  
2220 Heist-op-den-Berg  
0471416082  
[bart-gysen@hotmail.com](mailto:bart-gysen@hotmail.com)

Date / place of birth

19/09/1991

Maaseik

Nationality

Belgian

Driving license

B, C

## ◦ LINKS ◦

[LinkedIn](#)

[Github](#)

[Portfolio](#)

## ◦ REFERENCES ◦

Peter Van Grieken – Project Leader  
Dekimo Turnhout  
[peter.vangrieken@dekimo.com](mailto:peter.vangrieken@dekimo.com)  
+32473452804

## ◦ PERSONAL SKILLS ◦

Go-getter

Teampayer

Independent

Eager to learn

Creative

Flexibel

Enthusiastic

## ◦ LANGUAGES ◦

Dutch

English

## 👤 PROFILE

After graduating and working for 10 years as an electrician in both domestic and industrial environments, I wanted to follow my passion and started studying Internet of Things at Thomas More in Geel. In addition to a focus on software development in C and Python, we covered several technologies during the course, including working with microcontrollers, single board computers, Linux and more.

As part of my studies, I carried out a number of projects to put my knowledge to the test. This included a project to read an energy meter using Modbus. The application/firmware would sent all the data to the data analysis tool using Debian for cross-compiling and remote debugging. I also did a project to read a thermostat using MQTT and another to learn FreeRTOS.

As an internship at Dekimo, I researched the new Matter protocol and built a controller that controls a game via Matter.

You can find these projects on my GitHub account.

## ✳ TECHNICAL SKILLS

**C/C++**

Very good

**Python**

Very good

**Linux**

Good

**MS SQL**

Good

**Networking**

Basic

**HTML5**

Basic

## 🎓 EDUCATION

**Graduate Internet of Things (ICT), Thomas More Kempen, Geel**  
januari 2021 — June 2024

**Electric Installations, GITHO, Nijlen**  
2008 — 2010

**Electric Installations, T.I.M, Maasmechelen**  
2004 — 2007

## ◦ HOBBIES ◦

I enjoy working with computers and electronics, and I love turning my house into a smart home.



## PROFESSIONAL EXPERIENCE

### **Internship R&D (Embedded Software), Dekimo, Turnhout**

September 2023 — June 2024

Learn about the new Matter protocol and include it into a demo to attract an audience at trade shows

### **Service technician, Alertis, Lummen**

April 2022 — Today

Maintenance, repair and installation of automatic fire and gas protection systems.

### **Technician electricity, Unit-T, Mechelen**

October 2021 — April 2022

Installation of new digital electricity and gas meters.

### **Technician electricity, Electro Zwijsen, Duffel**

March 2021 — October 2021

Perform minor and major modifications to electrical installations, primarily in office buildings.

### **Technician high voltage electricity, Telcom, Hulshout**

May 2016 — March 2021

Performing electrical work in and around high voltage cabinets.

### **Technician electricity, Goosens Electro, Hulshout**

November 2015 — April 2016

Perform electrical work in the construction of new home and in renovation projects.

### **Technician high voltage electricity, Telcom, Hulshout**

April 2011 — October 2015

Performing electrical work in and around high voltage cabinets.

### **Interim jobs**

September 2010 — April 2011

Interim jobs in production and warehouses