JORYAN SENNESAEL

Student and DIY enthusiast

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SUMMARY

As an computer, electronics and DIY enthusiast, I have plenty of experience in building projects from scratch. I am passionate about electronics and many other engineering fields.

EXPERIENCE

Student Job: Electrician
Van den Broeck elektro

📅 Sep 2016 – Oct 2016   📍 Antwerpen

- Installation of a sound system for a large diamond trading center.

Student Job: Electrician
Vanderauweraer elektro

📅 oct 2014 – sep 2016   📍 Schilde

- Any basic electricity work in houses and apartments.

Internship: Calibration lab
Niko

📅 Mar 2014 – Apr 2014   📍 Sint-Niklaas

- My role was ensuring all measuring and quality control equipment in the factory met the required standards.

Student Job: Shop assistant and cashier
Smatch supermarket

📅 Aug 2014 – Sep 2014   📍 Waasmunster

- Baking breads, stocking shelves, cashier.

Student Job: Waiter
Brasserie Point De Vue

📅 Apr 2014 – May 2014   📍 Knokke-Heist

- Serving dishes, cleaning and setting tables.
- Keeping the customers & everything up to the standards.
- Receiving orders from suppliers and keeping the fridges stocked with drinks.

Student Job: Warehouse manager
Wim ijs

📅 Jan 2010 – Sep 2012   📍 Belsele

- Stocking and cleaning over 20 ice cream trucks, receiving orders from suppliers.
- Making large batches of whipped cream.

STRENGTHS

Passionate   Hard-working   Teaching
Autodidactic   Motivator & Leader
Decision making   Programming
Circuit design   Project management

LANGUAGES

Dutch	●●●●●
English	●●●●○
French	●●○○○

EDUCATION

IN PROGRESS – M.S. in ICT Engineering Technology (Major Image Technology)
Ghent University

📅 Sep 2018 – Jul 2020   📍 Ghent

B.S. in Electronics and ICT Engineering Technology (cum laude)
Ghent University

📅 Sep 2016 – Jul 2019   📍 Ghent

Industrial Sciences
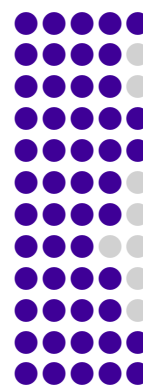**Provinciaal Technisch Instituut (High school)**

📅 Sep 2011 – Jun 2014   📍 Hamme

Industrial Sciences
Edugo campus Glorieux (High school)

📅 Sep 2007 – Jun 2011   📍 Oostakker

SKILLS

Eagle PCB design	●●●●●
Microcontrollers	●●●●○
DSP and Image processing	●●●●○
Python	●●●●●
Java	●●●●●
C#, C & C++	●●●●○
HTML & CSS	●●●●○
Javascript, PHP & SQL	●●●○○
CNC programming & control	●●●●○
CAD	●●●●○
LaTeX	●●●●●
Microsoft Office	●●●●●

EXTRA-CURRICULAR ACTIVITIES

ICT Preases

UGent Home fabiola

📅 Sep 2017 – Sep 2018   📍 Ghent

- Helping out residents with any type of computer and ICT related issues.
- Partly responsible for organising events, making posters etc.
- Creation and maintenance of the website.

HOBBIES

I have a lot of projects that I work on in my free time. There is much variety such as a laser CNC, instruments, amplifiers, sound effects, custom game/MIDI controllers and much more.
I also like teaching people, making music and model building.
Additionally I am an amateur brewer (beer, mead and wine).

MASTER THESIS

LLC with digital control & synchronous rectification

Thales Alenia Space & Ghent University

📅 Sep 2019 – Jul 2020 📍 Leuven & Ghent

The LLC converter is a DC/DC topology widely used in the industry but not yet in space applications. The topology is usually chosen for its high efficiency but the control of it is not obvious.
The objective is to study the way to control the converter using the MSP430 microcontroller.

DRIVER'S LICENSE

Acquired in 2014. This includes normal cars (B) and scooters up to 50cc (Ab).