

Tibo Geenen

Nieuwe Dijk 94 A
3920 Lommel
Belgium
☎ +32 474 60 39 71
✉ tibogeenen@gmail.com

About me

Eager and motivated with experience in leadership roles. Not afraid of new experiences to further develop myself and become a more capable person and engineer. Passionate about the development of smart home automation and the energy systems of the future.

Education

- 2019–2022 **MSc Electrical Engineering**, *KU Leuven*, Leuven - Belgium.
Option: Power Systems and Automation (grade: 76.59 %).
- 2020–2021 **MSc Energy Engineering**, *Grenoble INP - ENSE3*, Grenoble - France.
Option: Electrical Power Engineering (IEE) (grade: 85.03 %).
- 2016–2020 **BSc Engineering Science**, *KU Leuven*, Leuven - Belgium.
Major Electrical Engineering, Minor Materials/Business Engineering (grade: 66.73 %).
- 2010–2016 **High School**, *WICO Campus Sint-Jozef*, Lommel - Belgium.
Mathematics and science (grade: 84 %).

Experience

- 2019–present **Cantus Senior/Cantor**, *ESN Leuven*, Leuven - Belgium.
A cantus is a traditional student event that involves singing and drinking. I led over 30 cantus in English and Dutch with up to 200 participants per event. Strict rules are in place to make sure the evening remains enjoyable.
- 2021–2022 **Finance Board Member**, *ESN Leuven*, Leuven - Belgium.
Keeping track of all the expenses and incomes, whilst making sure the organisation was financially stable and non-profit compliance regulations were followed. Consulting other board members in financial matters, negotiating with partners and using accounting software is part of this equation.
- 2020 & 2021 **Process Engineer**, *Polypreen NV*, Lommel - Belgium.
Summer job to optimise the use of an industrial quilting machine (Quiltron QT2) developed by Optron. This is mainly done by improving the design of CAD drawings to reduce the quilting time up to 50 %, which allows for a significant increase in output and thus effectively removing a bottleneck from the system.
- 2019–2020 **Marketing Board Member**, *ESN Leuven*, Leuven - Belgium.
Promoting all of the events that ESN Leuven organised, whilst building a brand and providing the most reach possible.
- 2017–2019 **Scout Leader**, *Chiro Kerkhoven*, Lommel - Belgium.
I was a leader for the youngest and eldest group in the youth association. My job was to be creative in game inventing, design Chiro merchandise and promote events.
- 2014–2019 **All-round Assistant**, *Polypreen NV*, Lommel - Belgium.
- 2010–2015 **Store Clerk**, *Oxfam - Worldshop*, Lier - Belgium.

Languages

Dutch Native
English Mastery, C2

French Upper intermediate, B2
German Beginner, A1

Knowledge Area

MATLAB: Good
Python: Good
YAML: Good
Verilog: Good
Solid Edge: Good

Inkscape: Good
OptronCAD: Excellent
Microsoft Office: Excellent
Google Docs Editors: Excellent
Google App Scripts: Intermediate

Hobbies

Sports: Futsal, hiking, skiing and running.
Music: Guitar
Machinery: Laser cutting and 3D-printing.
Home Automation: The use of open-source software (Home Assistant) for a DIY smart home running on a local network.

Accomplishments

Well known amongst students in the engineering science community of Leuven for writing insightful study guides and course summaries.