Tibo Geenen

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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. Highly active member of Erasmus Student Network Leuven, a large student organisation focusing on the integration and self-development of international students.

Education

2019–2022 — **MSc Electrical Engineering**, *KU Leuven*.
Option: Power Systems and Automation (grade: 75%).

2020–2021 — **MSc Energy Engineering**, *Grenoble INP - ENSE3*, Grenoble - France.
Option: Electrical Power Engineering (IEE) (grade: 85%).

2016–2020 — **BSc Engineering Science**, *KU Leuven*.
Major Electrical Engineering, Minor Materials/Business Engineering (grade: 67%).

2010–2016 — **High school**, *WICO Campus Sint-Jozef*.
Option: Mathematics (8u) and science (grade: 84%).

Experience

2022–present — **President board of directors**, *ESN Leuven*.
Handling statutes and standing orders of a non-profit organisation, leading general meetings and overseeing daily board operations in cooperation with other members of the board of directors.

2019–present — **Cantus senior/cantor**, *ESN Leuven*.
Leading over 30 cantus in English and Dutch with up to 200 participants per event.

2021–2022 — **Finance manager**, *ESN Leuven*.
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*.
Summer job to optimise the use of an industrial quilting machine by improving the design of CAD drawings to reduce the quilting time up to 50%.

2019–2020 — **Marketing manager**, *ESN Leuven*.
Promoting all events in cooperation with a work group, whilst building a brand and providing the most reach possible.

2017–2019 — **Scout leader**, *Chiro Kerkhoven*.
Leading the youngest and oldest group, whilst creating enjoyable activities, designing merchandise and promoting events.

Languages

Dutch:	Native	French:	B2
English:	C2	Danish:	A1

Knowledge Area

Verilog:	Good	YAML:	Excellent
Python:	Good	Inkscape:	Excellent
MATLAB:	Good	OptronCAD:	Excellent
Solid Edge:	Good	Microsoft Office:	Excellent
Google App Scripts:	Good	Google Docs Editors:	Excellent

Hobbies

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

Accomplishments

- Well known amongst students in the engineering science community of Leuven for writing insightful study guides and course summaries.
- Drastically improving the flow of ticket sales and event boarding in a large student organisation by automating and simplifying user tasks, including enabling online sales and QR-ticketing.
- Significantly reducing overhead costs in a large student organisation by analysing sales data and selecting a more suited transactional provider.