



Vincent Stragier

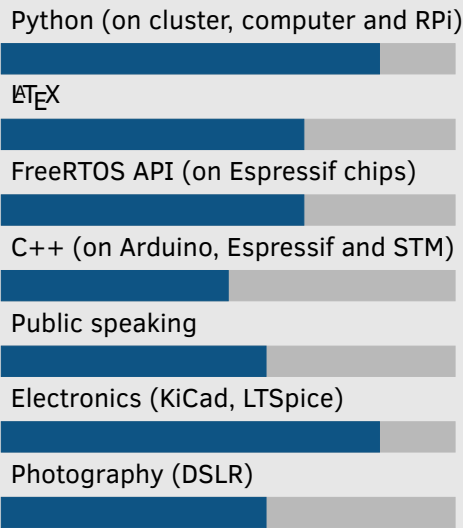
Electrical Engineer

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- vincent.stragier@outlook.com
- Driving licence and car (Euro 6)

About me

Willing to go above and beyond the technical barriers. Interested in electronics related product design and biomedical research. Open source and open hardware adept. Amateur photograph of nature, astronomical object and people. Soldering iron master.

Skills



Curiosity ★6 Perseverance ★5
Perfectionism ★5

(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Experience

- 2021-Present **ISIA Lab** PhD Student
Research related to the development of an intelligent assistant for visually impaired people.
- 2020-2021 **CETIC** Engineering Student Intern
Consolidate an epileptic seizure detection pipeline using machine learning on the Temple University Hospital EEG Seizure Corpus (supervised by Paul Vanabelle and Thierry Dutoit). Development of a tool for anonymization and conversion of electroencephalographic (EEG) files to facilitate the construction and exchange of a dataset.
- 2018-Present **Codobot®** Hardware and Firmware developer
Design of a printed circuit board, associated firmware, flashing and testing tools for the robot integrated to the Codobot® board game
- 2017-Present **electroLAB** President (19-Present), VP (18-19), Treasurer (17-18)
Organise the main events and realise electronics related projects, i.e., micro-controller based wheel encoder decoder counter (contribution to the Faculty's Eurobot team), Arduino related workshops (Créactifs!), connected bird houses allowing to observe birds through a network of video cameras (for Tanguy Dumortier, RTBF)
- 2022-Present **Erasmus Student Network (Mons)** IT
Website deployment and technical maintenance.
- 2020-2021 **Erasmus Student Network (Mons)** City Trips
Support the organisation of trips within the country, photograph trips, and generally inform Erasmus students
- 2015-2016 **Jeunesses Scientifiques Belges (Mons)** Activity Leader
Design and lead of workshops for young people aged 13 to 17

Education

- 2021-Present **ISIA Lab**
PhD Student
University of Mons, Belgium
- 2019-2021 **Signals, Systems and BioEngineering**
Master's degree in Electrical Engineering
University of Mons, Belgium
- 2015-2019 **Bachelor's degree in Engineering - Electricity**
Bachelor's degree in Engineering
University of Mons, Belgium
- 2011-2015 **Sciences Appliquées**
High School Diploma
Centre Éducatif de la Sainte-Union, Tournai

Tools

- Visual Studio Code
- GitHub (and GitHub actions)
- Windows and Linux (down to CLI usage)
- Microsoft Word and Excel
- SolidWorks
- SLURM

Accomplishments

2021	Technord	Best master thesis
	Prize issued by Technord for the best master thesis in the finality Signals, Systems and BioEngineering.	
2019	Créactifs!	Conception of the Codobot® robot
	Prize issued by UMONS for the Tangerine project video. Design of a robot prototype within a multidisciplinary team	
2017	Startech	Domogrid entrepreneurial project
	Prize issued by WSL for the best entrepreneurial team project for the StarTech contest within the UMONS Faculty of Engineering. Post project presentation at Texas A&M University to Rodney Hill's students	
2017	Créactifs!	Domogrid MVP
	UMONS prize won for the Domogrid project video , alongside Charles Dehombreux and Yannick Molle	

Languages

French	C2, Native language	Italian	Beginner
English	B1, IELTS (2018)		