



Bart Decoutere

Programmer & Engineer

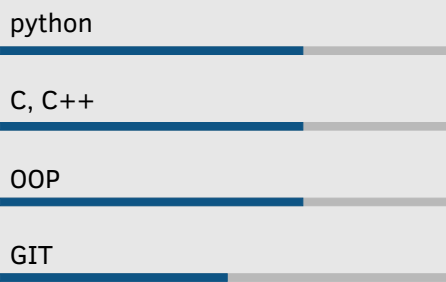
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About me

With a passion for discovery and tinkering with technology. From reverse engineering toy cars as a kid to Mechanical Engineering and now Computer Science Engineering. I love discovering how things are built and to use that technology in my own solutions.

I live a chaotically organized life. Comprised of studying, sailing, climbing, dancing and programming.

Skills



TeX*2 Lua *2 Linux, bash *2 (C#, .NET) *2 VBA*2 Java*1

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

Language

	Writing	Speaking	Understanding
NED			Native
ENG			Good

Goal

Learning as much as I can about Software Development by getting a bachelor's in Computer Science Engineering and working as a part-time programmer.

Education

Since 2022	B. & M. Sc. Engineering Computer Science Engineering	UGent
2015-2018	M.Sc. Engineering Mechanical Engineering: Automotive	KU Leuven
2011-2015	B.Sc. Engineering Major: Automotive, Minor: Management	KU Leuven
2004-2011	ASO Science-Mathematics	Scheppers Mechelen

Experience

2020-2022	Test Engineer, sensors, environmental Developing, managing, analyzing and reporting on environmental testing projects in automotive industry. Both in Research and validation. I was responsible to test and validate sensors developed by TE Connectivity and was able to help product engineering improve their products and get test programs completed with strict specifications in a dynamic and complex environment by using good teamwork, communication and technical insight.	Akkodis, TE Connectivity
2018-2019	Cost Engineer Responsible for all cost estimations of produced units. Supported engineering with cost improvement programs by finding opportunities, evaluating sales proposals and forecasted costs.	Akkodis, DANA Brugge
Since 2021	Head Coach & Coordinator youth training program Starting 2021 I'm coordinating the training programs for the youth of the sail club VVW-Galgenweel. Here I'm able to mentor aspiring sailing instructors and trainers, provide competitive and high-level training programs for kids wanting to develop their sail racing skills.	VVW-Galgenweel
since 2010	Trainer/Instructor Sailing; Dinghy Using my knowledge and experience in racing, I teach sailors of all ages about all aspects of racing.	Europe class Belgium, VVW-Galgenweel, Finn Sailing Belgium

Other Information

Projects

- Master Thesis Development and testing of a new side-slip estimator (vehicle). In Matlab.
- GIP Develop and configure a HIL-test system. Peruse all technical documentation to deliver the most appropriate solution.
- Bachelor thesis Design of an industrial de-powdering machine for Layerwise. Gathering and defining specifications. Designing to meet specifications.
- P&O Mechanical hummingbird Develop and test a new mechanical hummingbird. Starting with scaled prototypes and improving over many iterations until we had the best performing hummingbird of our class.

Hobbies

Sailing, Tap-Dance, Climbing, Programming.