



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 organised live. Comprised of studying, sailing, climbing, dancing and programming.

Skills

python

C,C++

VBA

GIT

OOP

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

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.