

keywords: mathematical modelling, process control, computational fluid dynamics, machine learning, optimisation, chemistry, problem solving

about

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[LinkedIn](#)
[Github](#)

Driving licence: B

languages

Dutch: native language
English: C2 (CEFR)
French: B1 (CEFR)

additional skills

Computational fluid dynamics
Classical control theory
Modern control theory
Machine learning
MS office

programming

Working knowledge
MATLAB/Simulink
Python 2.7/3
LaTeX
R

Basic knowledge
OpenFOAM (CFD)
HTML5/CSS
C++

education

- | | | |
|-----------|--|--|
| 2014–2016 | M.Sc. (In progress)
Bioscience engineering
<i>Chemistry and bioprocess technology</i> | Ghent University |
| 2011–2014 | B.Sc. cum laude
Bioscience engineering
<i>Chemistry and foodtechnology</i> | Ghent University  |
| 2005–2011 | GCSE in Maths and Sciences
4.2/5 GPA | Royal Atheneum Knokke-Heist |

experience

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|------------|---|---|
| 08-09/2014 | Research internship
Computer vision techniques for polymer recognition
on atomic-force microscopy images | São Carlos Institute of Physics - University of São Paulo |
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scriptions

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|------|---|------------------|
| 2016 | Master thesis
Spatio temporal modelling of filter cake formation
in membrane bioreactors | Ghent University |
| 2014 | Bachelor thesis
Innovative applications of artificial intelligence
in the food industry | Ghent University |

voluntary work

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|-----------|--|--------------|
| 2009–2014 | Leader youth movement
102 ^e FOS De Albatros | Knokke-Heist |
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projects

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|------|---|--|
| 2016 | Open Weblides
Open-source platform for interactive presentation slides
<i>UGent innoversity challenge finals</i> | Ghent University  |
| 2016 | COCOON: communication & co-creation online
Education innovation projects 2016 | Ghent University  |