

about

Abelendreef 21
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Belgium

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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++

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

education

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|-----------|--|-----------------------------|---|
| 2014–2016 | M.Sc. (In progress)
Bioscience engineering
<i>Chemistry and foodtechnology</i> | Ghent university |  |
| 2011–2014 | B.Sc. cum laude
Bioscience engineering
<i>Chemistry and Bioprocess technology</i> | Ghent university | |
| 2005–2011 | GSCE in Math and Sciences
4.3/5 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's thesis
Spatio temporal modelling of filter cake formation
in membrane bioreactors | Ghent university | |
| 2014 | Bachelor's thesis
Innovative applications of artificial intelligence
in the food industry | Ghent university | |

voluntary work

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|-----------|--|--------------|--|
| 2009–2014 | Leader youth movement
102° 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> | |  |
| 2016 | COCOON: communication & co-creation online
Education innovation projects 2016 | Ghent university | |