

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

about

Abelendreef 21
8300 Knokke-Heist
Belgium

bram.de.jaegher@gmail.com
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

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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 4.2/5 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'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  |