

# Arne Deloose

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GitHub: github.com/ArneDeloose

## PERSONALIA

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- **Name:** Arne Deloose
- **Date of Birth:** March 10th, 1995
- **Place of Birth:** Bruges, Belgium
- **Nationality:** Belgian

## EDUCATION

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<b>Ghent University</b> PhD in Bioscience Engineering: Environmental Technology Advisors: Jan Verwaeren and Bernard De Baets	Ghent, Belgium 2019–Current
<b>Ghent University</b> B. Sc and M. Sc in Bioscience Engineering: Environmental Technology – Thesis: “Acoustic Monitoring of Bats with Self-Organizing Maps” Github: <a href="https://github.com/ArneDeloose/Masterproef2018Code">github.com/ArneDeloose/Masterproef2018Code</a>	Ghent, Belgium 2013–2019

## WORK EXPERIENCE

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<b>Ghent University</b> Research and Teaching Assistant (PhD) – Teaching: Scientific Programming (Matlab and Python) and Data Science (R) – Research: Knowledge Extraction on Nature Publications	Ghent, Belgium 2021–Current
<b>Ghent University</b> Researcher (PhD) – Research Project Janssen Pharmaceuticals: Predictive maintenance of mobile assets – AI Research Flanders ( <a href="http://www.flandersairesearch.be/en">www.flandersairesearch.be/en</a> ): health monitoring for ageing wind turbines	Ghent, Belgium 2019–2021

## LANGUAGES

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### Natural Languages

- **Natively fluent:** Dutch
- **Fluent:** English
- **Intermediate:** French

### Programming languages

- **Fluent:** Python, R, Latex, Github
- **Conversationally fluent:** SQL, Matlab, Excel
- **Intermediate:** Mathematica, Linux

## PUBLICATIONS/CONFERENCES

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- Pitch, Janssen interactive career day (October 22nd, 2021), Exploiting CMMS data for predictive maintenance
- Presentation, Capture Days (August 26st, 2021), Predictive maintenance with NLP
- Poster Presentation, AI Research Day (February 19th, 2020), Relative Age Prediction with Random Forests ([github.com/ArneDeloose/WindTurbines](https://github.com/ArneDeloose/WindTurbines))
- Poster Presentation, IE-net competition (November 21st, 2019), Bats Unmasked ([github.com/ArneDeloose/Masterproef2018Code](https://github.com/ArneDeloose/Masterproef2018Code))

## EXTRACURRICULAR ACTIVITIES

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- Animator youth movement, Chiro Sint-Jozef 2017–2019  
*Landjuwelenstraat 43, 8000 Brugge*
- Animator Playground De Spetter/Kwibus 2012–2013  
*Binnenweg 2, 8000 Brugge*
- Judo, Albert Plovier 2003–2011  
*Geralaan 49, 8000 Brugge*