

Jérôme Maquoi

Curriculum Vitae

Personal Details

Name Maquoi Jérôme
Position Teaching PhD Student
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Education

2022–Present **PhD in Green Software Engineering**, *University of Namur*, Belgium, Advisors: Prof. Xavier Devroey and Pr. Benoît Vanderose.
2018–2020 **Masters of Computer Science**, *University of Namur*, Belgium, Data Science specialty.
2015–2018 **Bachelor of Computer Science**, *University of Namur*, Belgium.

Work Experience

09/2020–09/2022 **Junior Researcher in Human Computer Interaction**, *University of Namur*, Belgium.
Development of a mobile app to help older people to find things to do near their homes. Funded by the European INTERREG research programme.
01/2020–04/2020 **Research intern**, *Charleroi Town Hall*, Belgium.
Development of visualisations showing the movements of Charleroi's civil servants.

Workshop Publications

DevOpsSustain Jérôme Maquoi, Maxime Cauz, Benoît Vanderose, Xavier Devroey, "Energy Codesumption, Leveraging Test Execution for Source Code Energy Consumption Analysis", *DevOpsSustain Workshop*, co-located with FSE, 2025.

Master Thesis Supervision

2024–2025 François Bechet, "Systematic Detection of Energy Regressions in Java Projects and Identification of Regression Code Patterns", *University of Namur*
2024–2025 Thibaut Berg, "A comparative study of achievements and leaderboards in the context of software testing", *University of Namur*

- 2023–2024 Ludovic Evrard, "Optimising energy consumption of showcase websites: a comparative analysis between WordPress sites and static sites", University of Namur
- 2021–2022 Anthony Di Stasio, "Gamifying the Interreg Smart Socialized Living (SSL) project to encourage older people to use the app", University of Namur

Awards

- 2020 Best Master Thesis award of the Computer Science Faculty of University of Namur

Invited Talks

- 2026/01/23 "Raising awareness about source code energy consumption", at the Eco-Responsible Software Working Group Day, Nantes, France

Presentations at International Venues

- FSE 2025 "Energy Codesumption, Leveraging Test Execution for Source Code Energy Consumption Analysis", DevOpsSustain Workshop, co-located with FSE 2025, Trondheim, Norway