



NOËLLE VAN DALEN

ABOUT MYSELF

Passionate engineer with a double master's degree in Sustainable Energy Technology and Applied Physics, driven to make a meaningful impact by bridging the gap between what is desirable and what is technologically feasible. Analytical, solution-oriented, and committed to developing innovative, sustainable solutions that align with both societal needs and technical possibilities.



Cederlaan 164
5616SC Eindhoven



0031 6 436 75 850



noelle.dalen@gmail.com



[linkedin.com/in/noëllevdalen](https://www.linkedin.com/in/noëllevdalen)

EDUCATION

MSc Sustainable Energy Technology – Energy & Society
Eindhoven University of Technology
September 2021 – 2024

Technological Innovation of Electrolysers: Historical Drivers and Environmental Metrics | 2024
MSc Thesis Project on Green Hydrogen

EuroTeQ Collider “Leave no waste behind” Project | 2022
Team competition at European level

Developing a sustainable solution to Lithium-Ion battery waste in collaboration with student team CORE and waste management industry partners.

MSc Applied Physics – Plasmas and Beams
Eindhoven University of Technology
September 2020 – 2024

Sulfurization of Nickel Electrodes for Enhanced Hydrogen Evolution Reaction | 2024
MSc Thesis Project on Green Hydrogen

BSc Physics and Astronomy
Radboud Universiteit Nijmegen
September 2015 – August 2020

Policy, Entrepreneurship and Innovation Project | 2018
Teamwork on a thorough business plan based on a novel product with a low carbon footprint.

Baccalauréat – Scientific stream & specialization in Physics
Lycée Jacques Prévert
2012 – 2015

INTERNSHIPS

Research Assistant at Dpt. of Economics and Management of Brescia University
Sustainability of 3D-printing
Brescia, 2023

BSc Internship at the Institute of Molecules and Materials (IMM)
Radboud University, 2020
Internship at the IMM department of Radboud University on the scattering properties of differently textured semiconductor interfaces, as applied to thin-film solar cells.

PROFESSIONAL SKILLS

- Data Analysis
- Teamwork
- Problem-solving
- Critical thinking

LANGUAGES

- Dutch
 -
- French
 -
- English
 -
- German
 -

INTERESTS

- Reading
- Drawing
- Running
- Hiking

WORK EXPERIENCE

- Administrative Assistant at the TU/e Research Group Innovation, Technology & Society
Eindhoven 2023 - 2024
- Student Teaching Assistant of Course Economy, Energy & Society
Eindhoven, 2022 - 2024
- Math tutor
Eindhoven, 2022
- French Tutor
Nijmegen, 2018
- Receptionist
Camping le Colombier, 2017
Receptionist and grocery store manager at the Camping Le Coulombier in Moyaux, France.

EXTRACURRICULAR ACTIVITIES

- Chairman Master Committee of Applied Physics study association van der Waals
Eindhoven, 2020-2021
- Board Treasurer of student athletics association NSAV 't Haasje
Nijmegen, 2018-2019
- Ambassador Project Parakou
Pont-Audemer, 2014-2015
Helped organize and promote the Parakou Project, a project meant to support the local schools of Parakou, Bénin.
- Greenteam member at Lycée Jacques Prévert
Pont-Audemer, 2013-2015
Organized and participated in ecological projects in and around Lycée Jacques Prévert.