JONAS SCHÄFER

Science enthusiast & generalist driven by sustainable impact

jonas.schaefer00@gmail.com | +31 6 1651 1643 | jonas4climate.github.io
Germany / Netherlands | jonas-schaefer | jonas4climate

SUSTAINABILITY WORK

Since its inception in 2019, I have been instrumental in the growth of **ClimateScience** from a **small non-profit** to one of the **world's largest** climate change education organizations.

Sustainability Intern
proWIN Winter GmbH

Mar – Sep 2023 | Part-Time (20h/w)

- Consolidated the organization's sustainability report
- Advised on climate & sustainability policy (ESRS).

Head of Human Resources (Volunteer)
ClimateScience

Jun 2022 – Mar 2023 | Full-Time

- Created HR department, set up HR team and strategy
- Initiated newsletters, recruiting pipelines, an outreach team, volunteer training programmes and assessment cycles for **500+ volunteers across 50 countries**.
- Member of Executive Coordination

Web Developer & EU Partnerships (Volunteer)
ClimateScience

Dec 2019 – Jun 2022 | Part-Time (10h/w)

CLIMATE CONFERENCES

- Nov 2022: Nominated to **represent German's youth** at COY17, Egypt.
- Oct 2022: Speaker in **European Parliament** on Democracy and Climate at the *Level Up!* conference, Brussels. View my speech here
- Jun 2022: Representation of ClimateScience at SB56, Bonn
- Nov 2021: **Event coordination** for ClimateScience at COP26, Glasgow

CLIMATE CERTIFICATIONS

- Dec 2022: Beginner & Advanced Track European Horizons Fall **Policy Workshop** on climate policy

LANGUAGES

1. German (native)
2. English (bilingual, C2)
3. French (advanced, B1+)

COMP. EDUCATION

M.Sc. in Computational Science (joint)
University of Amsterdam & Vrije University

Sep 2023 – Jul 2025 | Full-Time

- Grade: **7.5 GPA (currently)**
- **Focus areas**: scientific computing, complex systems, computational biology, stochastic systems

B.Sc. (Hons) in Computer Science
University of Birmingham

Sep 2018 – Jun 2021 | Full-Time

- Grade: **First Class**
- **Focus areas**: Mathematical Modelling, Machine Learning, Computer Vision & Robotics
- **Thesis: "Expanding Standardisation in Optical Music Recognition"**

COMP. RESEARCH

Industry Summer Studentship
Royal Society & University of Birmingham

Jul 2020 – Sep 2020 | Full-Time

- Supervised by Dr. Jackie Chappell, Senior Lecturer in Animal Behaviour & Team Leader of the Cognitive Adaptations Research Group.
- Designed a **Deep Neural Network**-based system to monitor abnormal behaviour of captive animals via CCTV-applied **pose estimation**.

COMP. PROJECTS

Opinion formation as a complex system (Group)

Jan - Feb 2024

- Complex system analysis of the opinion formation process in social structures, modelled using social impact theory on lattices and BA networks.
- Results include analysis of critical temperature, self-organized criticality, unification processes etc.
- Presentation and project code can be found here.

Modelling natural processes (Group)

Jan 2024

- Numerical solutions to equations of **waves**, **diffusion**, **reaction-diffusion** and **Laplace**
- Modelling coral growth using DLA
- Find visualizations and project code here