

Profile

- I am committed to working as a researcher to do the most good. My experience in research comes from my bachelors and masters in physics, assisting with research projects at the Shrimp Welfare Project as a volunteer, and my current job as a Research Analyst at a plant-based meat startup.
- These experiences have given me the practice and skills required to efficiently comb through reports and data, quickly assess their relevance and reliability, as well as to find patterns and design models of systems. I am good at summarising information and explaining the fundamental parts of complicated ideas. I have an eye for detail and accuracy, and can be relied upon to deliver high quality work in tight deadlines.
- I am friendly, enthusiastic, and I work well with others.

Education Before University

- I was homeschooled for six years while living on a boat with my family in the Mediterranean and Red Sea from the ages of seven to thirteen.
- I completed my leaving certificate (Irish high school final exams) in 2016, with A grades in mathematics, physics, chemistry, and applied mathematics.

Education At University

- In 2022 I graduated with a Master's degree from the Free University in Berlin. I did my year-long masters thesis in the field of classical and quantum chaos at the Fritz-Haber Institute of the Max Plank Society, Berlin.
- I graduated from the University of Groningen, The Netherlands, in 2019. My thesis was completed with Professor Eric Bergshoeff and was concerned with Non-Relativistic Supersymmetry.
- In 2019 I took part in an internship with a research group at the University of Barcelona where I contributed to the numerical molecular dynamics simulations.

Vocational Experience

- For a little over a year I have been working 4 days a week as a Research Analyst at Project Eaden, a startup creating plant-based meat in Berlin. As the first employee at the company, I have had to take on a lot of responsibilities in many different areas, including being the main researcher, leading a small team of working students in the lab, and working in the engineering department. As of now there are about 25 employees.
- I spend 1 day a week volunteering for the Shrimp Welfare Project. I assist in research, which mostly involves compiling relevant papers, writing summaries, and working on quantitative models. I recently finished the first project I undertook alone, which can be found on my website under the title "A proposal for quantifying pain for shrimps"
- For 18 months I worked at the IT department of the physics faculty of the Free University Berlin.
- I was employed by the University of Groningen for one and a half years. I held positions including being a tutorial assistant for a course in mathematics, supervising laboratory experiments, and a mentor for first year students.

Additional Achievements

- I presented a talk at the scientific conference SAMOP21 on my research in quantum chaos.
- I am the main author of an academic article in the field of quantum chaos published last year. <https://doi.org/10.1063/5.0084028>