# Anaïs Berkes

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## EDUCATION

**University of Cambridge, Jesus College** — Cambridge, UK
*PhD Student - Department of Computer Science and Technology* — Oct. 2023 – Present
- Gates Cambridge Scholar. Affiliated Student with the AI for Environmental Risks CDT Program.
- Supervised by Prof. Srinivasan Keshav, Head of the Energy and Environment Group

**University of Cambridge, Newnham College** — Cambridge, UK
*Visiting Researcher - Department of Computer Science and Technology* — Oct. 2022 – Dec. 2022
- Worked on a sizing algorithm for solar panels and storage in residential buildings with multiple roof segments and a bi-directional electric vehicle.
- Supervised by Prof. Srinivasan Keshav, Head of the Energy and Environment Group

**ETH Zürich** — Zürich, CH
*BSc in Computer Science* — Sep. 2019 – Aug. 2023
- Courses: Introduction to Machine Learning, Visual Computing, Computer Systems, Algorithms and Probability etc.
- Projects: Machine Learning for Healthcare, Compiler written in OCaml, Numerical Algorithms using Eigen/C++, etc.

**Junge Akademie der Handelskammer** — Hamburg, DE
*Business and Economics Foundation Degree* — Sep. 2016 – Jul. 2018
- Courses: Economics, Finance, Law, Project Management, Business Administration, etc.

**Lycée Français de Hambourg (LFH)** — Hamburg, DE
*Abitur-Baccalauréat Série Scientifique - double-degree STEM track, specialised in Mathematics* — Sep. 2006 – Jun. 2018
- Graduated with the highest score ever achieved at LFH - French Baccalauréat : 19,55/20, German Abitur: 889/900 (overall average grade 1,0)

## EXPERIENCE

**Wingman Ventures Campusfund** — Zürich, CH
*Founding Partner of first student-run Venture Capital fund in Switzerland* — Sep. 2021 – Sep. 2022
- Pre-seed investments in deep tech startups from ETH Zürich

**Archlet** — Zürich, CH
*Software Engineer - Product Team* — Jun. 2021 – Sep. 2022
- Developing automatic testing frameworks (E2E and integration tests) for the Archlet software application
- Managing the software deployment process and quality assurance team

**ETH Zürich** — Zürich, CH
*Teaching Assistant in "Digital Design and Computer Architecture" at the SAFARI Research Group* — Feb. 2021 – Aug. 2021
- Teaching 100 students on a weekly basis, supervising and grading lab projects
- Teaching the official exam preparation courses, reviewing all the materials covered in the course

**GHELIA Inc** — Tokyo, JP
*Machine Learning Software Engineer* — Mar. 2019 – Jun. 2019
- Joined the RD Section of the Sony Group Deep Learning Startup
- Created a prototype for an adjusted WaveGAN implementation for synthesizing raw audio using generative adversarial networks

**Add. Internships:** Student internship at the VC fund Northzone.

## EXTRACURRICULAR ACTIVITIES

**Momentum** — Zürich, CH
*Co-founded a student organisation connecting talents from universities across Europe* — Sep. 2022 – Present

**Computer Science Network Of Women** — Zürich, CH
*Board Member; organised events to support women in CS, taught programming workshops* — Feb. 2021 – Jul. 2022

**University Policy Committee** — Zürich, CH
*Member of the Hopo Committee, representing the students of the CS Department at ETH* — Mar. 2021 – Oct. 2021

**Add.:** Currently founding an NGO that aims to bring distributed solar power to Indonesias's rural areas

## HONOURS AND AWARDS

**Heidelberg Laureate** — 2024
- The Heidelberg Laureate Forum brings together the recipients of the most prestigious awards in mathematics and computer science with the most exceptional 200 selected young researchers from all over the world.

**Gates Cambridge Scholarship** — Sept. 2023 - Present
- Most prestigious postgraduate scholarships at the University of Cambridge, funded by the Bill and Melinda Gates Foundation.

**Lauréate du Concours Général** — 2018
- The Concours Général is the most prestigious academic competition held every year between students in French Highschools all over the world. Students who show great ability in one field are selected by their headmaster to represent the school internationally.