

Leopold Goedhart

+49 1759823388 | leopoldgoedhart@gmail.com | Käferholzstrasse 52, 8057 Zürich, CH | German citizenship

EDUCATION

ETH Zürich

BSc in Physics

Zürich, CH

Sep. 2019 – Aug. 2024

- Major: Computer Science, Linear Algebra, Group Theory, Quantum Mechanics, Nuclear & Particle Physics
- Minor: Economics, Financial Market Risks, Game Theory

Gymnasium Eppendorf

Abitur - bilingual track, specialised in Mathematics & Physics

Hamburg, DE

Sep. 2006 – Jun. 2018

- Graduated within top 5% of 120 students (overall average grade 1.5)
- Major: Mathematics, Biology, Chemistry
- Minor: Physics, History

EXPERIENCE

GCA Altium (Houlihan Lokey)

Intern - Investment Banking

Tel Aviv, IL

Jul. 2019 – Sep. 2019

- Worked with analysts and associates and supported them with market research
- Created presentations for M&A deals

F&S Solar

Intern - Project Development

Santo Domingo, DO

Jan. 2019 – Mar. 2019

- Created simulations of multi megawatt PV plants
- Developed a small PV plant for a local gas station
- Worked on the construction site of the largest PV plant in the Caribbean

Axel Springer SE

Intern - Journalism

Hamburg, DE

Mar. 2016 – Apr. 2016

- Wrote and published articles for Germany's most read sports newspaper "Sport Bild"

EXTRACURRICULAR ACTIVITIES

EduQuant

Co-Founder

Zürich, CH

Mar. 2022 – Sep. 2023

- Co-founded an online education platform for ETH students

ETH StudyCenter

Coach

Zürich, CH

Mar. 2022 – Oct. 2022

- Coached students of the Physics & Mathematics Department at ETH

Deutsche Physikalische Gesellschaft

Member

Bad Honnef, DE

Jun. 2018 – present

- Elected among the top students in Germany

Hege Helping Hands

Ambassador

Hamburg, DE

Jun. 2018 – present

- Ambassador of the "Hege Helping Hands e.V.", a NGO for people in need all over the world
- Built a solar PV plant for a township school in Capetown in 2016

ACADEMIC RESEARCH

The Relativistic Point Particle (Prof. Dr. Matthias Gaberdiel)

Research on the relativistic point particle's role in String Theory

Zürich, CH

Sep. 2022 – Feb. 2023

Epidemiological Modeling (Dr. Mauro Donegà)

Numerical simulation and analysis of virus transmissions

Zürich, CH

Sep. 2021 – Feb. 2022

Evolutionary Dynamics of the eBay Matching Market (Prof. Heinrich Nax)

Analyzed the behavior in bilateral bargaining situations

Zürich, CH

Sep. 2020 – Feb. 2021

Mechanics of Metamaterials (Dr. Michael Moshe)

Research on the mechanics of perforated thin elastic sheets

Jerusalem, IL

Apr. 2019 – Jun. 2019

ADDITIONAL QUALIFICATIONS

Languages: German (native), English (C2), Spanish (B2), French (B1)

Programming Languages: Python, C++

Awards: "DPG Abitur prize" from the German government for outstanding academic achievements in physics;

"Franz-Schmitz Award" as one of the eleven best field hockey players in Germany in 2016

Tools: Git, TensorFlow, PyTorch, HTML, CSS, L^AT_EX, Adobe XD, Microsoft 365