# Herman Scheele

+47 951 45 303 | herman.scheele00@gmail.com| [LinkedIn](LinkedIn) | Heggelibakken 67 Oslo | 31.12.2000

## EDUCATION

**University of California, Berkeley**                                            **Berkeley, CA, USA**
*Exchange Student, Computer Science*                                 January 2025 – June 2025
- **Relevant Coursework:** Data Structures & Algorithms, Artificial Intelligence, Entrepreneurship

**University of Oslo**                                                                         **Oslo, Norway**
*Bachelor of Science, Mathematics: Data, Modeling & Computation*        August 2023 – May 2026
- **Relevant Coursework:** Machine Learning, Numerical Analysis, Computational Physics

## WORK EXPERIENCE

**University of Oslo, Department of Mathematics**                           **Oslo, Norway**
*Research Assistant, Financial Mathematics*                          August 2025 – Current
- Selected to assist Fred Espen Benth, Professor of Risk & Stochastics, writing academic publications.
- Exploring machine learning techniques, especially Gaussian Smoothing, on market data to interpolate accurate energy & commodity pricing for any given time to maturity.

**Firi**                                                                                              **Oslo, Norway**
*Software Engineering Intern*                                              May 2025 – August 2025
- Contributed to the technical architecture of the largest cryptocurrency exchange in the Nordics.
- Developed a customer audit testing tool from scratch using Golang for backend, Typescript with React for frontend, gRPC for API communication & PostgreSQL for database management, fully automating manual tasks for the AML & Compliance team.
- Gained valuable experience writing extensive testing scripts for the backend of our application.

**Startuplab**                                                                                 **Oslo, Norway**
*Technology Intern*                                                           May 2023 –August 2023
- Developed a Python-based automation tool to make startup scouting more efficient.
- Developed an automated web-scraping model for the investment team, mapping co-investors for all Startuplab funds, supporting transparency and furthering VC partnerships.
- Conducted 30+ founder interviews to evaluate their Go-to-Market strategies, presented findings in a strategic report for partners.

**Høiax Systems & Mestergruppen**                                        **Oslo, Norway**
*Freelance Data Analyst*                                                    May 2022 – June 2025
- Visualized regional order data across Norway by municipality using Python and Excel for the Chief Logistics Officer at Mestergruppen, supporting data-driven distribution decisions.
- Built a cost analysis model for the CEO of Høiax Systems to quantify energy savings from smart heat pump optimization, based on historical electricity prices and consumption data.

## SKILLS & PROJECTS

- Skills: C++, Python, Java, Golang, TypeScript, React, PostgreSQL, Scikit-Learn, PyTorch, Numpy, Git, Github, Unix terminal
- Co-authored three distinct class-based scientific papers on machine learning ([Multidimensional Linear Regression](Multidimensional Linear Regression), [Neural Networks & Logistic regression for classification](Neural Networks & Logistic regression for classification), [Neural nets for NLP](Neural nets for NLP))
- Currently taking a class (Computational Physics) where we dive deep in C++ programming for solving problems in physics and numerical error analysis.

## ACTIVITIES

**Vitalist Bay Conference Berkeley, Vitalism Foundation**
- I helped manage logistics with 10+ sponsors at an 8-week biotech conference while studying at UC Berkeley.

**Basketball Player**
- Played at competitive level for 12 years, including 1st Division in Norway for Ullern and part of the Norwegian National Team Talent pool.