Thomas Renström │CV

❱❱ Newly minted master in mathematics ❰❰

> **Now:** Just finished my masters thesis in numerical analysis

> **Before:** At home carer, various service work

> **Codes:** Python, Java, C, LaTeX, R, Modelica

> **Speaks:** Fluently: Swedish, English
> Tourist level: French, German

> **Free time:** Gaming with friends, different types of crafts, hiking

> **Other:** Drivers license since 2005, Linux proficient

EDUCATION

Masters program in mathematics (Lund university) 2022 - 2023

- ❱ Specialization in Numerical Analysis
- ❱ Courses in numerical approximation, simulation and modeling
- ❱ Did my thesis at Modelon, Lund

Bachelors program in mathematics (Lund university) 2019 - 2022

- ❱ Specialization in Numerical Analysis
- ❱ Courses including mathematics, statistics and programming
- ❱ During my studies I coded in Python, Java, R and C
- ❱ My bachelor's thesis compared the optimal Arnoldi approximation to the best Chebyshev approximation using a complex version of Remez algorithm

Bachelors program in physics (Lund university) 2012 - 2014

Bachelors program in Cultural Studies (Linköping university) 2007 - 2008

LinkedIn, GitHub and more information at **renstrom.dev**

EXPERIENCE

Master thesis project (Modelon, Lund) 2023

- ❱ Worked with PyFMI, a Python package for interacting with FMUs
- ❱ Analyzed an issue with PyFMIs method for approximating Jacobians for use in the solvers CVode and Radau5
- ❱ During the project I read code in Python, Cython, C, Modelica och Fortran

At home carer (Ekens Assistans, Lund) 2017 - 2019

Store clerk with extended responsibility (Erikshjälpen, Lund) 2015 - 2016

Kitchen and serving work (Linköping municipality, Linköping) 2010

Industrial worker (Prima bemanning, Motala) 2006 - 2007

Account Manager for the Swedish market (National Pen Ltd., Dundalk) 2005 - 2006