

 Helsinki, Finland

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Hi, I am Ville!

My interests lie in data science, quantitative economics, as well as enabling the same for others.



Please see my [web page](#) for more of the work I do.

CV updated 2025-12-29.

#### Vihti high-school

- High-school graduate
- Highest mark

#### Rotary Youth Exchange

- Exchange student in Germany

#### University of Helsinki

- Bachelor of Social Sciences
- Economics, mathematics, statistics, and pol. science
- GPA 4.2 (Finnish scale)
- Extracurricular activities in student organizations

#### Finnish Defence Forces

- Lance-corporal
- Military service as combat reporter

#### Various traineeships

- In Finland and Germany

#### Goethe Universität Frankfurt

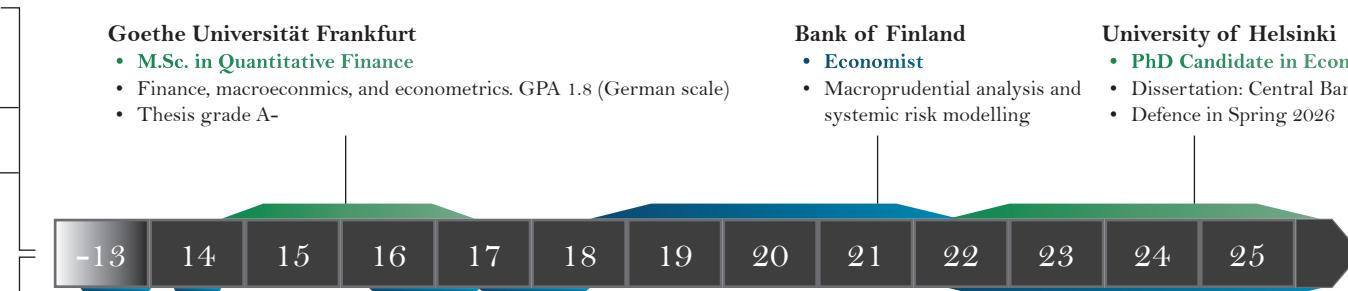
- M.Sc. in Quantitative Finance
- Finance, macroeconomics, and econometrics. GPA 1.8 (German scale)
- Thesis grade A-

#### Bank of Finland

- Economist
- Macropredential analysis and systemic risk modelling

#### University of Helsinki

- PhD Candidate in Economics
- Dissertation: Central Banking with Microdata
- Defence in Spring 2026



#### Nordea Markets

- Associate Analyst
- Macroeconomic and financial market analysis

#### Bank of Finland

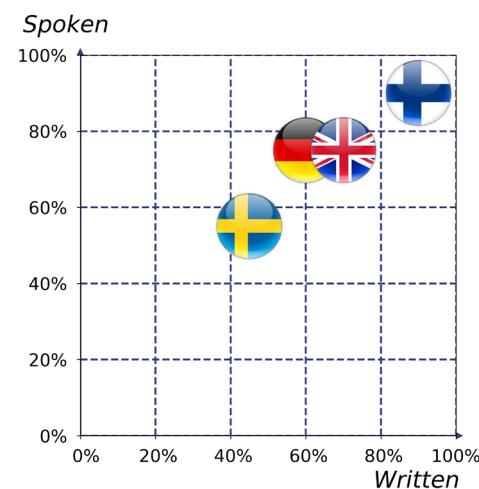
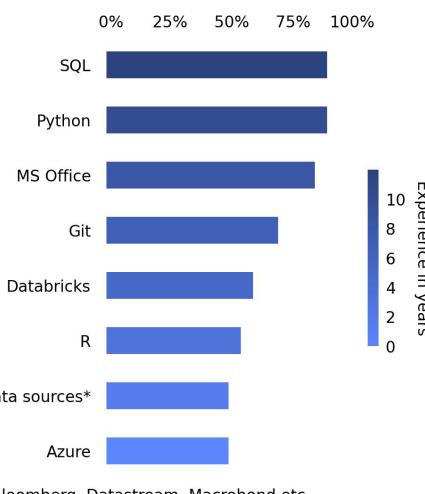
- Economist
- Macropredential analysis and systemic risk modelling

#### Bank of Finland

- Senior Data Scientist/Economist
- Lead in internal Analytics Center of Excellence
- On the one hand, I am a Data Scientist who promotes data science culture and capabilities at the enterprise level
- On the other hand, I'm a Quantitative Economist focusing on financial stability and analysis of microdata

#### Finnish Ministry of Finance

- Summer intern
- Financial market analysis



#### Keywords

causal inference  
econometrics  
data viz  
machine learning  
data science  
risk management  
programming  
macroeconomics  
micropdata  
research  
financial stability

#### Selected work

##### Academic articles

- [KUV \(2025\)](#): The Transmission of Negative Nominal Interest Rates in Finland (JEEA)
- [Voutilainen \(2025\)](#): Mapping commercial real estate concentration using Finnish firm ownership network (BoF DP)

##### Articles for the general public

- [BoF Bulletin](#): Strong rise in interest rates puts strain on mortgage borrowers
- [SPxFiVa Data Science](#): Data Science bringing down the divide between IT and business

##### Data science projects etc.

- [Memo](#): Difference-in-differences in a repeated cross-sample
- [Repo](#): Data Science Environments
- [Visualization](#): What do confidence regions really tell us?