# Daniel Vykoukal

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*Education*

**Master's in Economic Research** 2025–present
CERGE-EI, Prague

- Thesis: *Unconventional Monetary Policy under Bounded Rationality* (in progress).
- Applied Macroeconomics I–II (Matlab, Dynare), Applied Microeconomics I–II, Statistics, Econometrics, Machine Learning for Social Scientists.

**Bachelor's in Economics** 2022–2025
Prague University of Economics and Business

- Intermediate Micro and Macro, Econometrics, Advanced Macroeconomics (MA level), Applied Quantitative Methods, Labor Economics, Game Theory.

*Experience*

**Research Assistant to Stephanie Ettmeier** Feb 2026–present
Charles University, Prague

- Large-scale data cleaning and analysis in Python, reproducible workflows, and regular reporting of empirical results to the research team.

**Economics Intern** Jun–Aug 2026
Moody's, Prague

- Nowcasting models for the euro area and Slovakia, with backtesting and variable selection. Debt revenue for OECD countries. Published commentary in the Economic View series.

**Audit Intern** Sep 2023–Jun 2025
Deloitte, Prague

- Analysis of client financial data and daily reporting to international clients.

*Research*

**Distributional Effects of Macroeconomic Shocks on Expectations** In progress
with Stephanie Ettmeier and Chi Hyun Kim

**Monetary Policy of the European Central Bank: A BVAR Approach** In progress
with Tomáš Pokorný (Czech National Bank)

**Macroeconomic Forecasting: Econometrics vs. Machine Learning** 2026
Course paper, CERGE-EI

**The Length of the Pre-Doctoral Period and Academic Performance** 2026
Course paper, CERGE-EI; presented in the Applied Microeconomics Research Seminar Series

*Skills*

**Programming**
Python, R, Matlab with Dynare, LaTeX, Git, EViews

**Methods**
Time series, VAR and BVAR, panel data, dynamic factor models including mixed-frequency

**Languages**
Czech (native), English (C1)