Julia M. Schmidt

[Email](#) | [Personal Website](#) | [LinkedIn](#) |

EDUCATION

Paris Dauphine University   Oct. 2024 – present
PhD in Quantitative Economics - Macroeconomics/Finance   *Paris, France*
- Topic: AI and Data assets in the Digital Economy - A Macroeconomic Perspective
- Supervision: Prof. Lise Patureau

Paris Dauphine University   Aug. 2022 – Jun. 2024
M.Sc. Quantitative Economic Analysis - Research Track Macro/Finance   *Paris, France*
- Focus: Machine Learning, Macroeconometrics, Advanced Macroeconomics, DSGE/HANK Models
- Thesis: Data assets, business cycles and the skill premium: effects on wage inequality; Prof. Fabien Tripier (18/20)

Institut d'Études Politiques (Sciences Po)   Aug. 2015 – May 2018
M.Sc. International Economic Policy   *Paris, France*
- Focus: Development Economics, Macroeconomics, International Trade, Political Economy
- Thesis: The rural-urban divide in India's electorate - Exploring the case of Gujarat; Prof. Jaffrelot (18/20)

Ludwig Maximilian University of Munich   Oct. 2011 – Jul. 2015
B.A. Communication Sciences and Economics   *Munich, Germany*
- Focus: Microeconomics, Macroeconomics, Statistics, Information Theory, Journalism

Chulalongkorn University   Aug. 2013 – Feb. 2014
Exchange Semester   *Bangkok, Thailand*

EXPERIENCE

Data Scientist/Economist   Mar. 2024 – Sept. 2024
Organisation for Economic Cooperation and Development (OECD)   *Paris, France*
- Design a database on measuring artificial intelligence adoption and governance
- Conduct research on aspects of the digital economy using novel data sources (e.g. Google Trends, Lightcast)
- Manage a team of consultants on data cleaning, structuring and analysis tasks
- Co-lead the OECD R/Python/Git Community of Practice

Researcher/Data Analyst   Oct. 2021 – Feb. 2024
Organisation for Economic Cooperation and Development (OECD)   *Paris, France*
- Led a research project on identifying data/AI-related jobs using natural language processing
- Designed machine learning methodology to nowcast trade/productivity statistics
- Drafted methodological notes, working papers and statistical handbook chapters
- Presented research and data work at international conferences

Junior Analyst   May 2019 – Sep. 2021
Organisation for Economic Cooperation and Development (OECD)   *Paris, France*
- Developed a dataset on statistical capacity jointly with the World Bank, UNSD, FAO, UNESCAP
- Conducted data analysis and drafted country reviews/working papers/policy briefs

Teaching Assistant   Oct. 2020 – Aug. 2021
Chair of Development Economics, University of Passau   *Passau, Germany*
- Prepared reading material, course work, interactive exercises and exams

Project Manager   Sep. 2018 – Apr. 2019
Bertelsmann Foundation   *Gütersloh/Berlin, Germany*
- Conducted data analysis on EU innovation policy and governance indicators
- Wrote working papers/policy briefs and presented results at the EU Commission

Research Assistant   Apr. 2017 – Apr. 2018
French National Centre for Scientific Research (CNRS)   *Paris, France*
- Collected, cleaned, linked and analysed election and census data using R and QGIS
- Conducted field research in Gujarat, India, and presented results at conferences

Summer Schools and Training

Summer Institute in Computational Social Science (SICSS)   Jun. 2025
University College London (UCL)   *London, UK*
   - Training in computational methods for social science, including machine learning, network analysis, NLP

Summer School: Data Economy – Models and Tools   Jul. 2025
Barcelona School of Economics / UPF   *Barcelona, Spain*
   - Training on the economics of data and digital markets, structural modelling and empirical strategies.

Global Management Academy   Jul. 2023
Organisation for Economic Cooperation and Development (OECD)   *Paris, France*
   - Courses on change management, negotiation, relationship building and communication

Technical and soft skills

Software | Python, R, SQL, STATA, QGIS, eViews, MatLab, Git, Latex

Languages | German (native), English (professional/C2), French (advanced/C1), Spanish (beginner/A2)

Leadership | Nominated by the OECD for the Global Management Academy 2023 for talented future managers

Fellowships and Awards

German National Academic Foundation | *Government scholarship*   Jan. 2016 – Jun. 2018
Carlo Schmid Fellowship | *Scholarship for internships in international organisations*   Oct. 2016 – Apr. 2017
Max Weber Programme Bavaria | *Government scholarship*   Oct. 2011 – Jul. 2015
Ludwig Maximilian University of Munich | *Academic Excellence Award*   Jul. 2015

Publications and Working Papers

- **Schmidt, J., G. Pilgrim and A. Mourougane** (2024), *Measuring the demand for AI skills in the United Kingdom*, OECD Artificial Intelligence Papers, No. 25, OECD Publishing, Paris.

- **Schmidt, J., G. Pilgrim and A. Mourougane** (2024), *Towards a better understanding of data-intensive firms in the United Kingdom*, OECD Statistics Working Papers, No. 2024/07, OECD Publishing, Paris.

- **Schmidt, J., G. Pilgrim and A. Mourougane** (2023), *What is the role of data in jobs in the United Kingdom, Canada, and the United States?: A natural language processing approach*, OECD Statistics Working Papers, No. 2023/05, OECD Publishing, Paris.

- **Dorville, Y. et al.** (2025), *Towards more timely measures of labour productivity growth*, OECD Statistics Working Papers, No. 2025/01, OECD Publishing, Paris.

- **Mourougane, A. et al.** (2023), *Nowcasting trade in value added indicators*, OECD Statistics Working Papers, No. 2023/03, OECD Publishing, Paris.

Conference Presentations

- **Discussant: Exploring Firm-Level Productivity through Administrative Microdata**
  ESCoE Economic Measurement Webinar – Online – 30 January 2025. Discussant for presentations by Rosie Oxbury and Liz Gallagher. **Link**

- **Leveraging Natural Language Processing (NLP) to Answer Economic Questions**
  Banque de France & OECD Innovation Lab Virtual Conference – Online – 13 June 2024. **Link**

- **2nd Workshop on Digital Economics**
  University of Cambridge – Cambridge, UK – November 2023. **Agenda**

- **OECD-KOSTAT Conference on Novel Data for Economic Resilience**
  Seoul, South Korea – September 2023. **Agenda**

- **ESCOE Conference on Economic Measurement**
  London, UK – May 2023. **Agenda**