

# Julia Schmidt

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## EDUCATION

<b>Paris Dauphine University</b> <i>PhD in Quantitative Economics - Macroeconomics/Finance</i> <ul style="list-style-type: none"><li>• Topic: Data assets in the Digital Economy - A Macroeconomic Perspective</li><li>• Supervision: Prof. Lise Patureau</li></ul>	Oct. 2024 – present <i>Paris, France</i>
<b>Paris Dauphine University</b> <i>M.Sc. Quantitative Economic Analysis - Research Track Macro/Finance</i> <ul style="list-style-type: none"><li>• Focus: Machine Learning, Macroeconometrics, Advanced Macroeconomics, DSGE/HANK Models</li><li>• Thesis: Data assets, business cycles and the skill premium: effects on wage inequality; Prof. Fabien Tripier (18/20)</li></ul>	Aug. 2022 – Jun. 2024 <i>Paris, France</i>
<b>Institut d'Études Politiques (Sciences Po)</b> <i>M.Sc. International Economic Policy</i> <ul style="list-style-type: none"><li>• Focus: Development Economics, Macroeconomics, International Trade, Political Economy</li><li>• Thesis: The rural-urban divide in India's electorate - Exploring the case of Gujarat; Prof. Jaffrelot (18/20)</li></ul>	Aug. 2015 – May 2018 <i>Paris, France</i>
<b>Ludwig Maximilian University of Munich</b> <i>B.A. Communication Sciences and Economics</i> <ul style="list-style-type: none"><li>• Focus: Microeconomics, Macroeconomics, Statistics, Information Theory, Journalism</li></ul>	Oct. 2011 – Jul. 2015 <i>Munich, Germany</i>
<b>Chulalongkorn University</b> <i>Exchange Semester</i>	Aug. 2013 – Feb. 2014 <i>Bangkok, Thailand</i>

## EXPERIENCE

<b>Data Scientist/Economist</b> <i>Organisation for Economic Cooperation and Development (OECD)</i> <ul style="list-style-type: none"><li>• Design a database on measuring artificial intelligence adoption and governance</li><li>• Conduct research on aspects of the digital economy using novel data sources (e.g. Google Trends, Lightcast)</li><li>• Manage a team of consultants on data cleaning, structuring and analysis tasks</li><li>• Co-lead the OECD R/Python/Git Community of Practice</li></ul>	Mar. 2024 – Sept. 2024 <i>Paris, France</i>
<b>Researcher/Data Analyst</b> <i>Organisation for Economic Cooperation and Development (OECD)</i> <ul style="list-style-type: none"><li>• Led a research project on identifying data/AI-related jobs using natural language processing</li><li>• Designed machine learning methodology to nowcast trade/productivity statistics</li><li>• Drafted methodological notes, working papers and statistical handbook chapters</li><li>• Presented research and data work at international conferences</li></ul>	Oct. 2021 – Feb. 2024 <i>Paris, France</i>
<b>Junior Analyst</b> <i>Organisation for Economic Cooperation and Development (OECD)</i> <ul style="list-style-type: none"><li>• Developed a dataset on statistical capacity jointly with the World Bank, UNSD, FAO, UNESCAP</li><li>• Conducted data analysis and drafted country reviews/working papers/policy briefs</li></ul>	May 2019 – Sep. 2021 <i>Paris, France</i>
<b>Teaching Assistant</b> <i>Chair of Development Economics, University of Passau</i> <ul style="list-style-type: none"><li>• Prepared reading material, course work, interactive exercises and exams</li></ul>	Oct. 2020 – Aug. 2021 <i>Passau, Germany</i>
<b>Project Manager</b> <i>Bertelsmann Foundation</i> <ul style="list-style-type: none"><li>• Conducted data analysis on EU innovation policy and governance indicators</li><li>• Wrote working papers/policy briefs and presented results at the EU Commission</li></ul>	Sep. 2018 – Apr. 2019 <i>Gütersloh/Berlin, Germany</i>
<b>Research Assistant</b> <i>French National Centre for Scientific Research (CNRS)</i> <ul style="list-style-type: none"><li>• Collected, cleaned, linked and analysed election and census data using R and QGIS</li><li>• Conducted field research in Gujarat, India, and presented results at conferences</li></ul>	Apr. 2017 – Apr. 2018 <i>Paris, France</i>

## SUMMER SCHOOLS AND TRAINING

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### Global Management Academy

*Organisation for Economic Cooperation and Development (OECD)*

Jul. 2017

*Paris, France*

- Courses on change management, negotiation, relationship building and communication

### Summer School Data Science and Political Sciences

*Ashoka University*

Jul. - Sept. 2023

*New Delhi, India*

- Courses on programming (R, Python, QGIS), survey data analysis, and qualitative methods

## TECHNICAL AND SOFT SKILLS

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**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

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**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

**German National Academic Foundation** | *Award for voluntary civic engagement*

Jul. 2018

## WORKING PAPERS AND POLICY BRIEFS

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Schmidt, J., Pilgrim, G., Mourougane, A. (2023), What is the role of data in jobs in the United Kingdom, Canada and the United States - A natural language processing approach. OECD Working Paper. OECD Publishing, Paris. **Available here**

Knutsson, P., Mourougane, A., Pazos, R., Schmidt, J., Palermo, F. (2023), Nowcasting trade in value added in OECD member states. OECD Working Paper. OECD Publishing, Paris. **Available here**

Schmidt, J., Pilgrim, G., Mourougane, A. (2023), The role of data skills in the modern labour market. VOXEU-CEPR Column. **Available here**

Schmidt, J., Zappalà, G. (2021) Statistics about statistics: How do we measure statistical performance? World Bank Data Blog **Available here**

Misra, A., Schmidt, J., (2020), Enhancing Trust in Data – Participatory Data Ecosystems for the Post-Covid Society. OECD Working Paper Series: Shaping the COVID-19 Recovery - Ideas from OECDs generation Y Z, OECD Publishing, Paris, France **Available here**

Schmidt, J., (2019), EU Cohesion Policy - A suitable tool to foster innovation? Policy Brief, Bertelsmann Foundation. **Available here**

Kastrop, C., Ponattu, D., Schmidt, J., Schmidt, S., (2019), The Urban-Rural Divide and Regionally Inclusive Growth in the Digital Age, G20 Working Paper **Available here**

Kastrop, C., Ponattu, D., Schmidt, J., (2019), Inequality and the productivity slowdown: The growing gap between the most productive and the rest dampens social cohesion, Global Solutions Journal, Issue 4 | **Available here**

## CONFERENCE PRESENTATIONS

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Schmidt, J. (November 2023). 2nd Workshop on Digital Economics, Cambridge. **Agenda**

Schmidt, J., (September 2023). OECD-KOSTAT Conference on Novel Data for Economic Resilience. **Agenda**

Schmidt, J., (May 2023). ESCOE Conference on Economic Measurement. **Agenda**

Schmidt, J., (November 2018), European Commission JRC Week on Composite Indicators and Scoreboards, 05-07 November in Ispra **Agenda**