

# Julia Schmidt

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## EDUCATION

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### 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. Jaffrelet (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

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### Data Scientist/Economist

Mar. 2024 – present

*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

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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**