# Peijie Ju

PhD Candidate in Economics | University of Bristol

peijie.ju@bristol.ac.uk

## Education

**PhD in Economics, University of Bristol** 2022–present

Supervisors: Professor Helene Turon and Peter Spittal.

**MRes in Economics, University of Bristol** 2021–2022

**MSc in Economics, North Carolina State University** 2019–2021

**BSc in Investment, Southwestern University of Finance and Economics** 2010–2014

## Research Interests

Labour economics; applied microeconomics; health economics; occupational mobility and mismatch.

## Research Papers

### Skill-Based Labour Market Segmentation and Mismatch Dynamics in the UK, 2016–2022

**Job Market Paper** | Working paper

*Abstract.* This paper develops two skill-based segmentations of the UK labour market, grouping occupations by their skill requirements and examining skill combinations in workers' career trajectories. Using ESCO occupational skill data and UK vacancy postings, I incorporate these segmentations into a standard labour market mismatch framework and examine the period 2016–2022. Relative to broad occupational classifications, skill-based mismatch measures reveal substantially larger fluctuations around the COVID-19 shock, highlighting dimensions of labour market adjustment that standard occupational categories can obscure.

### Occupational Structure and Occupational Mobility over the Last 30 Years in the UK

Working paper

*Abstract.* Using the British Household Panel Survey and the UK Household Longitudinal Study, this paper documents changes in occupational structure and worker mobility between 1991 and 2020. It examines employment polarisation, movements between occupations and differences across occupations in wages and automation exposure. Approximately half of observed job transitions occur across occupations. The analysis also points to particular mobility constraints for workers in occupations exposed to high automation risk.

### Mental Health and Job Mobility

Work in progress

*Abstract.* This paper examines the relationship between psychological distress and job mobility using the UK Household Longitudinal Study. Pooled and individual fixed-effects estimates indicate positive associations between GHQ-12 scores and job changes. I also assess bereavement and local NHS Talking Therapies treatment-delay measures as potential instruments. Weak-instrument diagnostics and unresolved exclusion restrictions mean that the current evidence does not support a precise causal estimate. Additional descriptive analysis considers occupational switching and changes in occupations' stress-tolerance requirements.

## Professional Activities

**Royal Economic Society (RES) Annual Conference** July 2026

Presented the Job Market Paper, "Skill-Based Labour Market Segmentation and Mismatch Dynamics in the UK, 2016–2022".

**25th Journées Louis-André Gérard-Varet (LAGV), Aix-Marseille** June 2026

Presented the Job Market Paper and chaired the *Labor 1* parallel session.

## Industry Experience

**Bank of Zhangjiakou (formerly Zhangjiakou City Commercial Bank)** 2014–2019

Shijiazhuang Branch, China

- **Corporate lending (2016–2019):** Conducted investigations of corporate borrowers to support lending assessments.
- Worked on corporate loan origination and disbursement, followed by monitoring and management of outstanding loans.
- **Corporate account operations (2014–2016):** Processed non-cash transactions and administered corporate accounts.

## Teaching Experience

**Teaching Assistant, Applied Quantitative Research Methods (EFIM20010)** 2023–2026

School of Economics, University of Bristol

- Facilitated Stata-based econometrics labs, explaining practical exercises, helping students troubleshoot code and interpret empirical results.
- Provided individual guidance throughout lab sessions, responding to questions as they arose and adapting explanations to students' needs.
- Independently taught tutorial classes in spring 2026, guiding students through weekly problem sets and explaining the intuition behind econometric methods.
- Supported learning in OLS, instrumental variables, difference-in-differences and time-series analysis, with emphasis on model interpretation and empirical applications.

**Teaching Assistant, Economic Data (ECON10016)** 2023–2026

School of Economics, University of Bristol

- Facilitated practical R and Microsoft Excel labs on sourcing, cleaning, analysing and visualising economic data.
- Explained lab tasks and circulated throughout sessions to help students resolve technical difficulties and answer questions individually.
- Guided students in interpreting economic indicators and selecting appropriate visualisations for communicating data patterns.
- Helped students develop confidence in applying quantitative tools through hands-on exercises and discussion.

## Teaching Development

**CREATE HEA Fellowship Scheme, University of Bristol** January 2027

*Planned participation.* Professional development in reflective teaching practice and preparation for Associate Fellowship recognition.