

Research Assistant (Economics)
Nanyang Technological University

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Posted Sep. 22, 2025, set to expire May 6, 2026

Job Title	Research Assistant (Economics)
Department	School of Social Science
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Sep. 22, 2025
Application Deadline	Open untill filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Economics - General
Job Website	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Assistant--Economics-_R00021986
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Job Description	

The Department of Economics at the School of Social Science focuses on economic research in many fields of theoretical and applied economics. These include the Economies of China and East Asia; Singapore and ASEAN Economies; Financial Economics; Labor Economics; Industrial Relations; Health and the Ageing Population; Urban Economics; and many other areas of Economics. One of the key projects is economic analysis of digital technology adoption, financial markets, and policy evaluation. It involves applying advanced econometric methods to understand the economic

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implications of digital transformation in emerging markets, particularly focusing on China's rapid technological advancement. We are at the forefront of research combining economic theory with econometric methods, natural language processing, GIS, and big data analytics.

The Department of Economics seeks a Research Assistant to contribute to three specialized research projects:

Key Responsibilities

- Evaluating the effects of China's industrial policies on firm digital technology adoption and performance using 2009-2024 public listed firm data,
- Evaluating the differential effects of firm investment in Artificial Intelligence (ChatGPT/DeepSeek releases) on US versus Chinese stock market performance
- Evaluating the effect of mobile internet infrastructure development (3G/4G base stations) on household financial market participation using China Family Panel Studies data. The role involves conducting econometric methods using Difference-in-Differences frameworks, Endogenous Treatment Effect Models, and approaches including natural language processing of Chinese firm annual reports, job posting and policy documents, geospatial analysis of telecommunication infrastructure, and large-scale data management spanning multiple datasets to produce academic research contributing to the field of digital economics.

Job Requirements:

- Bachelor's in Economics (or PhD candidates who have submitted thesis strongly preferred) with

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3+ years applied micro-econometric experience

- Advanced Python/Stata/R programming skills, textual analysis expertise,
- Native Mandarin Chinese reading capability essential for processing firm annual reports, job posting and policy documents, deep knowledge of Chinese financial markets, and experience managing terabyte datasets.

We regret that only shortlisted candidates will be notified.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Singapore