

Abdurrahman Fadhil

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Work Experience

Research Assistant

Jan 2026 – Present

Bank Indonesia Institute

- Helped Prof. Iwan Jaya Azis publish two books linking monetary policy and inequality on Springer.
- Formulated a Financial Computable General Equilibrium (FCGE) model and simulated it using GAMS.
- Constructed Financial Social Accounting Matrix (FSAM) by reconciling Flow of Funds data.
- Analyzed Regional Input-Output using Excel and performed Structural Path Analysis (SPA) using Python.
- Developed a novel spatial econometrics weights (W) matrix for Indonesia based on socio-economic factors.
- Coordinated with the National Statistics Bureau (BPS) to validate the research data and methodology.

Research Intern

Mar 2025 – Dec 2025

Institute for Economic and Social Research, University of Indonesia (LPEM FEB UI)

- Advised PLN to adjust their business margins to support sustainable energy transition.
- Delivered professional weekly powerpoint presentations and a thorough academic research paper.
- Performed data cleaning, built a VAR model in R for forecasting inflation outcomes of various electricity tariff adjustment scenarios, and presented our findings and policy recommendations to the client.

Undergraduate Teaching Assistant

Aug 2024 – Jun 2025

Faculty of Economics, University of Indonesia

- Delivered teaching materials for time-series and introductory econometrics courses for 100+ students.
- Helped students understand the theoretical foundations of statistics and mathematics for econometrics.
- Trained students practical modeling, forecasting, and coding skills using Stata and Eviews.
- Teaching materials are available at rahmanfadhil.com/teach.

Education

University of Indonesia

Jul 2022 – Jan 2026

Bachelor's Degree, Economics

- Graduated in 3.5 years with 3.85/4.00 GPA (Cum Laude), focusing in monetary economics.
- Student activities: Kelompok Studi Pasar Modal (KSPM FEB UI) as the manager of investment studies division. Led a team of 8 analysts to organize capital market events and publish weekly equity research.

Professional Training

Introduction to Quasi-Experiment Policy Impact Evaluation

Jul 2025

Indonesian Regional Science Association (IRSA)

- Learned the fundamental quantitative policy impact evaluation techniques such as Propensity Score Matching (PSM) and Differences-in-Differences (DiD).

Apple Developer Academy @ BINUS

Feb 2020 – Dec 2020

- Selected for a competitive, full-scholarship software development bootcamp while completing high school.
- Developed native iOS apps & games using Swift and its latest frameworks (e.g., ARKit, SpriteKit, MapKit).
- Launched "Joey: Self-Care Buddy" on the App Store and went through its rigorous app review process.
- Conducted rigorous usability and user acceptance testing with field experts.

Skills

- **Software/Programming:** Python (Pandas, Numpy, SciPy, Matplotlib), R, Stata, GAMS, Eviews, Excel.
- **Economic Modeling:** Financial Computable General Equilibrium (FCGE), Financial Social Accounting Matrix (FSAM), Regional Input-Output (IRIO), Structural Path Analysis (SPA).
- **Econometrics:** Time-Series Forecasting, Quasi-Experimental Methods, and Spatial Econometrics.
- **Languages:** Indonesian (Native), English (Professional Fluency).