Faris Abdurrachman

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EDUCATION

New York University (NYU)　　　　　　　　　　　　　　　　Graduation Date: May 2024
MS Quantitative Economics
NYU Stern School of Business and Faculty of Arts and Sciences

Universitas Indonesia　　　　　　　　　　　　　　　　　　Graduation Date: July 2021
Bachelor of Arts in Economics, GPA: 3.82
Honors Thesis: *DSGE Modelling of the Macroeconomic Effects of Money-financed Fiscal Stimulus: The Case of Indonesia during COVID-19*
Advisors: Dr. Chatib Basri - Indonesian Minister of Finance 2013-2014, Dr. Beta Yulianita Gitaharie - Dean of Faculty of Economics and Business, Universitas Indonesia 2020-2021

EXPERIENCE

Research Analyst　　　　　　　　　　　　　　　　　　　　November 2021 – Present
Australia-Indonesia Partnership for Economic Development (Prospera)
- Currently working on policy issues related to macroeconomic surveillance and downstream development of EV and battery industries as a Research Analyst in the Macro-Financial Policy team
- Responsible for managing the external and monetary sectors in Prospera's financial programming model of the Indonesian economy
- Created a system for scraping prices from e-commerce websites to obtain daily leading indicators of core inflation
- Performed quantitative analysis on the first-round and second-round impact of recent global price shocks on inflation, household consumption, and poverty using Stata and input-output models
- Conducted household-level analysis on the inflationary impact of Indonesia's 2022 fuel price hike, contributing to decision-making at the highest level of government
- Enhanced the accuracy of the IMF-designed Ms Muffet macroeconomic surveillance model using the PCA/FA method

Teaching Assistant　　　　　　　　　　　　　　　　　　August 2020 – January 2022
Department of Economics, Universitas Indonesia
- Assisted in preparing syllabus, exam questions, and assignments for courses on macroeconomics, development economics, and economic modelling under Prof. Iwan Jaya Azis from Cornell University
- Tutored students on the practical application of quantitative modeling tools (IO, SAM, CGE, DSGE) and data analytical softwares (Stata)

Research Assistant　　　　　　　　　　　　　　　　　　June 2020 – November 2021
Institute for Economic and Social Research, Universitas Indonesia
- Contributed to report writing, data management & analysis, and stakeholder engagement for various policy consulting projects
- Engaged in research assistantship for two research papers on the socioeconomic and policy determinants of mobility during COVID-19 using high-frequency data

Summer Research Assistant　　　　　　　　　　　　　　　　　　　　　　　　　2020
Abdul Latif Jameel Poverty Action Lab Southeast Asia (J-PAL SEA)
- Performed survey data cleaning and econometric analysis using Stata for a study on the impact of COVID-19 on the learning performance of primary school students in Jakarta
- Conducted desk research, literature review, and database management of social assistance programs in Indonesia
- Contributed to the writing and proofreading of various reports, presentations, and articles on RCT-related projects
- Assisted in the survey design and back-checking process of various RCT projects to ensure survey consistency and coherence

Listing Development Intern　　　　　　　　　　　　　　　　　　　　　　　　　2019
Indonesia Stock Exchange
- Co-authored a comparative analysis report of M&A regulations in ASEAN countries
- Conducted data collection and database management of listed companies' financial statements to measure effectiveness of tax exemption regulations for publicly-listed companies

Awards and Scholarships

Winner of IMF Fund Challenge
October 2020

International Monetary Fund (IMF)

- Successfully became one of the 12 winners (t̃op 0.5%) out of a total of 2,288 participants from 39 countries. Invited to attend the IMF-World Bank 2020 Spring Meetings in Washington D.C to represent Indonesia in the competition. Presented macroeconomic analysis and policy recommendations based on an actual case study of the Turkish economy to IMF department leaders, resident representatives, and department leaders

Dean's List for Most Outstanding Student
March 2020

Faculty of Economics and Business, Universitas Indonesia

- Awarded to the best student in the faculty cohort based on a holistic assessment of academic performance and extracurricular achievement

Second Runner-up of the CFA Institute Research Challenge
February 2020

CFA Society Indonesia

- Second runner-up of the most prestigious equity research competition in Indonesia. Presented comprehensive financial analysis and stock recommendation to experienced equity research analysts

Second Runner-up of the SNU-DB Business Case Competition
August 2019

Seoul National University and DB Group

- Second runner-up of a business case competition held in Seoul with participants coming from top universities in Asia. Presented solutions to improve the outreach of Amartha, a P2P lending start-up, to female entrepreneurs in Indonesia

Central Bank of Indonesia Merit Scholarship
July 2019

Bank Indonesia

- Merit scholarship awarded on the basis of academic performance and interest in pursuing further study in economics

Representative of Universitas Indonesia
February 2019

Harvard National Model United Nations (HNMUN)

- Represented Universitas Indonesia for the 65th session of HNMUN, the most prestigious undergraduate-level international Model United Nations conference held in Boston, United States

Publication

Khoirunurrofik, K., Abdurrachman, F., Putri, L. A. M. (2022) Half-hearted policies on mobility restrictions during COVID-19 in Indonesia: A portrait of large informal economy country. Transportation Research Interdisciplinary Perspectives, 13, 100517

Consulting Projects

Formulation of Tax Reform Roadmap
2021

Ministry of Finance, Indonesia

Formulation of Key Performance Indicators for Development Planning
2021

Ministry of National Planning, Indonesia

Enhancing Budget Allocation of the Village Fund Program
2020

Ministry of Village, Development of Disadvantaged Regions, and Transmigration, Indonesia

Technical Skills

Data Analysis	Stata (proficient), Excel (proficient), Eviews (proficient)
Economic Modeling	Dynare (intermediate), Matlab (intermediate)
Data Tools	Datastream (proficient), S&P CapitalIQ (proficient), CEIC (proficient)
General	LaTeX(proficient), Python (intermediate), Mathematica (intermediate)

Languages

Indonesian (native), English (proficient), Malay (proficient), Sundanese (rudimentary)