

# Khanh (Kevin) Duong

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duongkhanhk29@gmail.com — (+353) 872-699-535 — Vietnamese citizen

[G.Scholar](#) — [LinkedIn](#) — [GitHub](#) — [ORCID](#)

Research interests	Development Economics, Social Inequalities, Computational Social Science, Survey Data	
Education	<b>Maynooth University</b>	Maynooth, Ireland
	Research Master in Sociology Mentors: Eoin Flaherty, Seán Ó Riain	Sep 2021 – Sep 2023
	<b>Foreign Trade University</b>	Ho Chi Minh, Vietnam
	Honour Bachelor in International Economics Mentor: Dang Le Phuong Xuan	Sep 2012 – Sep 2016
Honors and Awards	<b>Government of Ireland Postgraduate Research Scholarship</b> by Irish Research Council GOIPG/2021/441	Sep 2021
	<b>UNU-MERIT PhD fellowship</b> by United Nations University – MERIT	Sep 2024
Relevant experience	<b>Covalen Managed Solutions Ltd</b> , Division of AI <i>Generative AI annotator</i>	Dublin, Ireland Feb 2024 – Sep 2024
	Accurately annotated AI data according to predefined guidelines; Evaluated the quality of existing data resources and machine learning outputs; Developed and maintained guidelines and procedures for consistent, high-quality classification and content creation; Provided feedback on annotation tasks. <i>Skill acquisition: Social Media, AI Annotation, Teamwork</i>	
	<b>UEH Institute of Business Research</b> , Division of Research <i>Research Officer</i>	HCMC, Vietnam Nov 2020 – Sep 2021
	Published a peer-reviewed book chapter: ‘Sustainable Development for Vietnam’s Economy in the Context of Globalization and Industrial Revolution 4.0’; Completed two working papers on sustainable development; Drafted national research funding applications. <i>Skill acquisition: Funding Applications, STATA, Teamwork</i>	
Publications	<b>Indochina Research Ltd</b> , Division of Research <i>Research Executive</i>	HCMC, Vietnam Mar 2021 – Sep 2021
	Led the TRAFFIC project (awareness of wildlife animal products for disease treatment) N = 600; Led the WHO project (COVID-19 vaccine awareness in Vietnam) N = 1500; Designed and scripted questionnaires by Survey-Togo (a survey Platform); Conducted data analysis with SPSS & Stata, and Q-research; Drafted final reports and described research methods. <i>Skill acquisition: Mixed Research Methodologies, Project Management</i>	
	<b>Selected articles</b>	
	[1] Khanh Duong. Is meritocracy just? new evidence from boolean analysis and machine learning. <i>Journal of Computational Social Science</i> , pages 1–27, 2024.	
Media Coverage	[2] Khanh Duong. What really matters for global intergenerational mobility? <i>Plos one</i> , 19(6):e0302173, 2024.	
	[3] Khanh Duong and Eoin Flaherty. Does growth reduce poverty? the mediating role of carbon emissions and income inequality. <i>Economic Change and Restructuring</i> , 56(5):3309–3334, 2023.	
	[4] Dong Phong Nguyen, Xuan Vinh Vo, Van Chien Nguyen, Xuan Duc Mai, and Quoc Khanh Duong. Sustainable development for vietnam’s economy in the context of globalization and industrial revolution 4.0. <i>Sustainability and Environmental Decision Making</i> , pages 281–310, 2021.	
	<b>EurekAlert:</b> Family conditions may have more of an impact on upward social mobility than gender inequality, access at <a href="https://www.eurekalert.org/news-releases/1048258">https://www.eurekalert.org/news-releases/1048258</a>	

**Miragenews:** *Family Status Impacts Social Mobility More Than Gender Bias*, access at <https://www.miragenews.com/family-status-impacts-social-mobility-more-than-1260294/>

Programming skills	<p><b>STATA:</b> <i>estout</i> (summary, correlation, estimation table), <i>xtdpdsys</i> (Arelano–Bover/Blundell–Bond linear dynamic panel-data estimation), <i>xtmlogit</i> (panel multinomial logit regression), etc.</p> <p><b>R PROGRAMMING:</b> <i>ggplot2</i> (data visualization), <i>hdm</i> (high-dimensional analysis), <i>glmnet</i> (Lasso and Elastic-Net Regularized Generalized Linear Models), <i>DoubleML</i> (double / debiased machine learning), <i>grf</i> (Generalized Random Forest), etc.</p>						
Languages	<p><b>Vietnamese:</b> Native</p> <p><b>English:</b> C1 (equivalent)</p> <p><b>Dutch:</b> A2 (equivalent)</p> <p><b>German:</b> A1 (equivalent)</p>						
Associations	<p>Society for the Advancement of Socioeconomics (member) – attending the annual conference of SASE 2022 at the University of Amsterdam, Netherlands; Maynooth University Social Science Institute (member); Maynooth University academic group for Sustainability and Just Transition (member)</p>						
Peer-review	<p>Economic Change and Restructuring; Economics of Innovation and New Technology; Social Science Quarterly; Environment, Development and Sustainability; PLOS ONE</p>						
Volunteering	<table><tr><td><b>Homeworks Summer Climate Action Residency</b></td><td>Clare, Ireland</td></tr><tr><td><i>Homework resident</i></td><td>Jun 2023</td></tr><tr><td colspan="2">Hosted by The Common Knowledge Centre in The Burren, County Clare, Ireland; Funded by the Community Climate Action Programme; Co-created a toolkit designed to facilitate climate action at the household level.</td></tr></table>	<b>Homeworks Summer Climate Action Residency</b>	Clare, Ireland	<i>Homework resident</i>	Jun 2023	Hosted by The Common Knowledge Centre in The Burren, County Clare, Ireland; Funded by the Community Climate Action Programme; Co-created a toolkit designed to facilitate climate action at the household level.	
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Referees	<p><b>Dr Eoin Flaherty</b>, Assistant Professor of Sociology, Maynooth University, Ireland</p> <p><b>Dr Thi Mai Nguyen</b>, Manager of Training Management Department, Foreign Trade University, Vietnam</p>						