

Khanh (Kevin) Duong

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Research interests	Development Economics, Social Inequalities, Computational Social Science, Survey Data	
Education	Maynooth University	Maynooth, Ireland
	Research Master in Sociology Mentors: Eoin Flaherty, Seán Ó Riain	Sep 2021 – Sep 2023
	Foreign Trade University	Ho Chi Minh, Vietnam
	Honour Bachelor in International Economics Mentor: Dang Le Phuong Xuan	Sep 2012 – Sep 2016
Honors and Awards	Government of Ireland Postgraduate Research Scholarship by Irish Research Council GOIPG/2021/441	Sep 2021
	UNU-MERIT PhD fellowship by United Nations University – MERIT	Sep 2024
Relevant experience	Covalen Managed Solutions Ltd , Division of AI <i>Generative AI annotator</i>	Dublin, Ireland Feb 2024 – Sep 2024
	Accurately annotated English 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>	
	UEH Institute of Business Research , 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>	
	Indochina Research Ltd , 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>	
Publications	Selected articles	
	<ul style="list-style-type: none">[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.[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.	
Media Coverage	EurekAlert: Family conditions may have more of an impact on upward social mobility than gender inequality, access at https://www.eurekalert.org/news-releases/1048258	

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

STATA: *estout* (summary, correlation, estimation table), *xtdpdsys* (Arelano–Bover/Blundell–Bond linear dynamic panel-data estimation), *xtmlogit* (panel multinomial logit regression), etc.

R PROGRAMMING: *ggplot2* (data visualization), *hdm* (high-dimensional analysis), *glmnet* (Lasso and Elastic-Net Regularized Generalized Linear Models), *DoubleML* (double / debiased machine learning), *grf* (Generalized Random Forest), etc.

Languages

Vietnamese: Native

English: C1 (equivalent)

Dutch: A2 (equivalent)

German: A1 (equivalent)

Associations

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)

Peer-review

Economic Change and Restructuring; Economics of Innovation and New Technology; Social Science Quarterly; Environment, Development and Sustainability; PLOS ONE

Volunteering

Homeworks Summer Climate Action Residency

Clare, Ireland

Homework resident

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.

Referees

Dr Eoin Flaherty, Assistant Professor of Sociology, Maynooth University, Ireland

Dr Thi Mai Nguyen, Manager of Training Management Department, Foreign Trade University, Vietnam