

# HUONG NGOC VU

## PROFESSIONAL SUMMARY

Experienced researcher in economic modelling, data analysis, and programming using MATLAB and R. Skilled in working with large datasets such as the IDI and Refinitiv Eikon, and in developing models for fiscal and economic policy analysis. With seven years of experience as a lecturer, I have a proven ability to translate complex technical findings into clear, actionable insights for policymakers and to collaborate across interdisciplinary teams. I am eager to apply these skills as a Quantitative Analyst to support Te Tai Ōhanga in raising living standards for everyone in Aotearoa.

## SKILLS

- Advanced economic modelling
- Programming skills (MATLAB, R)
- Communication skills
- Data analysis and management
- Quantitative and statistical analysis
- Collaboration and teamwork

## WORK HISTORY

### SUMMER INTERN 11/2024 to 02/2025

#### The Treasury New Zealand, Wellington, WGN

- Conducted a research project analyzing the New Zealand Sahm rule's effectiveness in identifying recessions, employing modelling techniques.
- Collaborated with both the Macroeconomic and Fiscal Policy team and the Modelling and Research team, contributing to broader policy and analytical initiatives.
- Delivered tailored presentations of research findings to diverse audiences, enhancing communication skills and translating complex economic concepts for both technical and non-technical stakeholders.
- Engaged in various ad-hoc projects across teams, demonstrating flexibility, a strong work ethic, and the ability to thrive in a dynamic, fast-paced environment.

### ADMINISTRATIVE OFFICER 09/2022 to Current

#### Ryan Painting Limited, Wellington, WGN

- Managing all administrative tasks, including customer communications, scheduling, and invoicing.
- Acting as the primary point of contact for customers, addressing inquiries, feedback, and resolving issues promptly and professionally.
- Utilizing Xero accounting software to manage financial records, process payments, and ensure accurate billing.
- Implementing efficient marketing strategies, and demonstrated communication skills to support business growth.

### TEACHING ASSISTANT 06/2021 to 11/2021

**Victoria University Of Wellington**, Wellington, New Zealand

- Collaborated with lecturers to assess assignments and tests, delivering constructive feedback to students derived from their performance.
- Guided and encouraged students to independently tackle exercises by applying concepts learned in lectures.
- Developed strategies to explain complex economic models in a clear and concise manner, helping students grasp challenging material more easily.

**LECTURER** 09/2011 to 06/2019

**Banking Academy Of Vietnam**, Hanoi, Vietnam

- Developed strong relationships with colleagues, collaborating on curriculum development, research projects, and joint publications, as well as sharing good practices in teaching strategies.
- Translated complex economic theories into accessible concepts for third-year students. Tailored lectures and course materials to bridge the gap between complex economic models and practical understanding, fostering a more engaging learning environment.
- Led cross-functional teams of students and faculty to organize academic workshops, faculty welcome events, and student competitions, ensuring smooth collaboration and achieving high engagement from participants.
- Guided student groups through research projects and thesis development, breaking down sophisticated methodologies into manageable steps. Encouraged collaboration and critical thinking, resulting in high-quality academic output.

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**EDUCATION**

**Victoria University of Wellington**, Wellington, NZ

**Ph.D.**, Economics, 12/2024

PhD thesis on macroeconomic policies:

- Modeling impulse response functions of monetary policy shocks on inflation and output in New Zealand using functional local projections;
- Evaluating redistributive effects of income tax and consumption tax on lifetime inequality in New Zealand using an overlapping-generation (OLG) model.
- Evaluating impacts of family support payments on household labor supply in New Zealand using a life-cycle model.

**Macquarie University**, Sydney, Australia

**Master of Science**, Commerce, 12/2013

**Foreign Trade University**, Hanoi, Vietnam

**Bachelor of Science**, International Economics, 07/2011

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**SCHOLARSHIPS**

- Victoria Doctoral Scholarship, **Victoria University of Wellington**, New Zealand
- Percy Ip Prize for Postgraduate Coursework in Economics, **Macquarie University**, Australia
- First class scholarships, **Foreign Trade University**, Vietnam

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**PUBLICATIONS**

- Kirkby, R., and Vu, H.N. (2024). Impacts of Monetary Policy Shocks on Inflation and Output in

New Zealand. **Economic Record**, Vol 100, Issue 329, pp. 160-187, Wiley

- Nguyen, T.N., Vu, N.H., Le, H.T. (2019). Impacts of Monetary policy on Inequality: The case of Vietnam. Beyond Traditional Probabilistic Methods in Economics, ECONVN 2019, **Studies in Computational Intelligence**, Vol 809, pp. 463-476, Springer
- Nguyen, T.N., Vu, N.H., Le, H.T. (2017). Impacts of Monetary Policy on Commercial Banks' Profits: The Case of Vietnam. **Asian Social Science**, Vol 13, pp. 32-40
- Nguyen, T.N., Vu, H.Y., Vu, N.H. (2016). Impact of Monetary policy on Asset markets: The case of Vietnam. **Review of Business and Economics Studies**, Financial University, Moscow, Vol 4, No 3, pp. 39-52

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## WORKING PAPERS

- Kirkby, R., Yao, Y., and Vu, H.N. (2024). Macroeconomic Effects of Income and Consumption Tax: Insights from a Life Cycle Model with New Zealand Microdata. **64th Annual Conference of the New Zealand Association of Economists (NZAE 2024)**
- Nguyen, T.N., Vu, N.H. (2017). Unconventional monetary policy of FED and ECB – Lessons for Vietnam. **International conference in “Changes in monetary policy framework after global financial crisis”**, pp. 569-583
- Vu, N.H., Le, H.T. (2017). Monetary Policy and Inequality in Vietnam: Implications for the Industrial Revolution 4.0. **International conference for young researchers in Economics and Business 2017**, pp. 448-456
- Vu, N.H., Le, H.T. (2015). The effects of the Federal Reserve's Unconventional Monetary Policies on Vietnam. **International conference for young researchers in Economics and Business 2015**, pp. 29-46

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## RESEARCH PROJECTS

### Research granted by Banking Academy of Vietnam

- Analyzing effects of monetary policy on income inequality in Vietnam (2019): Led a research team to assess the impact of monetary policy changes on income inequality in Vietnam. Provided critical insights to the central bank to support policy decisions aimed at economic stability and equitable growth.

### Research granted by the State Bank of Vietnam (i.e. the Central Bank of Vietnam)

- Impossible Trinity - International experience and implications for Vietnam (2018): Project member responsible for analyzing Asian central banks' strategies to balance monetary policy autonomy, exchange rate stability, and capital flow management. Offered tailored recommendations for the central bank of Vietnam.
- Unconventional monetary policy - International experience and implications for Vietnam (2017): Project member responsible for investigating the European Central Bank's application of unconventional monetary policy tools like quantitative easing. Synthesized findings into actionable recommendations for Vietnam's central bank policy framework.
- Application of Taylor rule in the implementation of monetary policy in Vietnam (2015): Project member responsible for researching the theoretical underpinnings and practical application of the Taylor Rule by the Federal Reserve. Contributed to provide guidelines for the adaptation of the rule to enhance monetary policy effectiveness in Vietnam.

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## LANGUAGES

English

Vietnamese

Full Professional

Native or Bilingual