Vu Le-Hoang

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PROFESSIONAL SUMMARY

- Ph.D. in Economics with strong research and teaching experience in Economics and Finance. Proficient in applying mathematical models and analytical methods for risk assessment and data-driven insights.

EDUCATION

University of Glasgow, Adam Smith Business School **Glasgow, UK**
Ph.D in Economics 2020 – 2025

- **Thesis title: Essays on information economics under ambiguity**
  Overall, my thesis provides insights into optimizing decisions in environments with uncertain information, challenges frequently encountered in financial markets and investment analysis. The first chapter offers insights into structuring insurance contracts in uncertain environments, relevant to risk management strategies. The second chapter focuses on employer-employee contracts under moral hazard and demonstrates how ambiguity affects wage schemes and profitability, offering insights into managing uncertain investment returns. The final chapter explores strategic communication under ambiguity, where decision-makers lack certainty about the reliability of information sources. These insights are applicable to understanding market signaling, corporate disclosures, and investment communication strategies.

University of Glasgow, Adam Smith Business School **Glasgow, UK**
Master of Research in Economics 2018 – 2020

- Graduated with Distinction

Hanoi University of Science and Technology **Hanoi, Vietnam**
Engineer's Degree in Information Technology and Telecommunications 2010-2011

- Graduated with Merit

RESEARCH INTERESTS

- Information Economics
- Mathematical Finance
- Game Theory

REFREED PUBLICATIONS

- **Vu Le, Competitive Insurance Market Under Ambiguity**
  Communication in Economics and Mathematical Sciences
  https://doi.org/10.50906/cems.3.0_56
- **Vu Le, Moral hazard under ambiguity**
  Mathematical Social Sciences, 04-2025. Revise and resubmit

WORK & EXPERIENCE

University of Glasgow, Adam Smith Business School **Glasgow, UK**
Served as a Graduate Teaching Assistant, responsible for teaching and grading exams for the following courses: 2020 – present

- **Postgraduate teaching:**
  - Economic Fundamentals and Financial Markets (ECON5005)
  - Mathematical Finance (ECON5020)

- **Undergraduate teaching:**
  - Economics 1A (ECON1001)
  - Economics 1B (ECON1002) Math for Economics
  - Financial Markets and Asset Pricing (ECON4012**)**

TinhVan Outsourcing JSC — **Hanoi, Vietnam**
Software Engineer & Team Lead — 2017 - 2018

Vietnam Centre of Research in Economics — **Hanoi, Vietnam**
Teaching Assistant — 2016 - 2017

- Teaching Assistant for Optimization, Macroeconomics, and Microeconomics

FPT Software — **Hanoi, Vietnam**
Software Engineer — 2011-2016

CONFERENCE PRESENTATIONS

- Presented at FUR2022 (The Foundations of Utility and Risk Conference) in Ghent, Belgium, July 11th - July 14th, 2022, "Insurance Contract with Asymmetric Information Under Ambiguity"
- Presented various topics in Microeconomics in workshops and seminars at Adam Smith Business School, University of Glasgow

TECHNICAL SKILLS

- **Financial Analysis:** Price multiples, Discounted Cash Flow Analysis (DCF), data modeling, asset pricing, risk assessment
- **Programming:** MATLAB, Python, C# .NET, SharePoint, MS SQL, basic C/C++, Julia
- **Data Management:** Oracle, SharePoint

AWARDS

- The Adam Smith Scholar Award of Excellence, 2019 for Masters' degree with Distinction
- Fully funded scholarship from the Adam Smith Business School for MRes and PhD courses

REFERENCES

Prof. Takashi Hayashi
Adam Smith Business School
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Prof. Anna Bogomolnaia
Adam Smith Business School
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Prof. Cuong Le-Van
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