

# Curriculum Vitae

## Mahdi Ebrahimi Kahou

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### PERSONAL INFORMATION

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Citizenship: Iranian  
Canadian Permanent Resident

[mahdi.ebk\[at\]gmail.com](mailto:mahdi.ebk[at]gmail.com)  
[Website](#)

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### EDUCATION

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- Doctor of Philosophy in Economics, [University British Columbia](#). 2017-
- Doctor of Philosophy in Economics, [University of Minnesota](#).  
Voluntary withdrawal due to the U.S. travel ban
- Master of Science in Physics,  
[Institute for Quantum Science and Technology](#), University of Calgary.  
Thesis Topic: [Spatial search via non-linear quantum walk](#)  
Supervisor: [Dr. David Feder](#)
- Bachelor of Science in Physics, [Sharif University of Technology](#).

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### PUBLICATIONS

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- Mahdi Ebrahimi Kahou, David L. Feder, “[Quantum search with interacting Bose-Einstein condensates](#)”, Physical Review A, **88**, 032310 (2013).
- Mahdi Ebrahimi Kahou, Alfred Lehar, “[Macroprudential Policy: A Review](#)”, Journal of Financial Stability, 2017.

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### SCHOLARSHIPS, AWARDS AND HONOURS

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- Eyes High International Doctoral Scholarship 2015-2016
- Dr. Murray Fraser Memorial Graduate Scholarship 2015
- Eyes High International Doctoral Scholarship 2014-2015
- Marion Janet & Ian Stormont Forbes Scholarship 2014-2015
- AIMCO Graduate Scholarship in Finance 2014
- Faculty of Graduate Studies Award 2012
- Full tuition fee scholarship [Competitive] 2010-2012
- IQST “Top-Up Students Award” 2011
- Bronze medal in National Physics Olympiad 2004

CONFERENCE  
PRESENTATIONS

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- Mahdi Ebrahimi Kahou, *David L. Feder*, “Spatial Search by Non-Linear Quantum Walk”. Southwest Quantum Information and Technology Albuquerque, New Mexico. 16-19 February 2012
- *Mahdi Ebrahimi Kahou*, David L. Feder, “Non-linear quantum walk”. Canadian Association of Physicists, Calgary. 23-27 June 2012

TEACHING  
EXPERIENCE

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- TA for Econ 514 (Information and Incentive), UBC. 2019
- TA for Econ 626 (PhD Econometrics Theory), UBC. 2018
- TA for Econ 4698, Economic Growth University of Minnesota. 2016
- Tutorials for FNCE 601, Managerial Finance. 2014-15
- TA for Phys 211/221, Phys 259 and Phys 369, University of Calgary. 2010-2012
- TA for Analytical mechanics I& II, Sharif University of Technology. 2007-2008
- Physics Olympiad teacher in several branches of NODET (National Organization for Development of Exceptional Talents). 2004-2010

COMPUTER  
PROGRAMMING

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- MATLAB, Mathematica, Julia.

LANGUAGES

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- English
- Farsi