

DO YOON KIM

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EDUCATION

HARVARD BUSINESS SCHOOL

Doctoral Candidate in Strategy

expected 2019

Committee: Shane Greenstein (chair), Dennis Yao, Carliss Baldwin, Prithwiraj Choudhury

Dissertation Title: "Opening for change: Ecosystem changes from open source software."

NORTHWESTERN UNIVERSITY

B.A. in Economics, Mathematics, and Mathematical Methods in the Social Sciences (MMSS), *cum laude*

2013

RESEARCH AND TEACHING INTERESTS

My research focuses on innovation and business ecosystems. In one stream of my research, I study the dynamic aspect of how firms affect, and shape, changes in their ecosystems. In a second stream of research, I study the role of firm boundaries and technologies in shaping knowledge flows and recombination. My job market paper looks at how opening up upstream technology can affect firms by creating downstream complementary goods. I examine how the loss of software intellectual property led to the introduction of a downstream complementary good, and its subsequent impact on customers' perceptions of product quality and firm performance. I utilize a novel hand-collected dataset from the wireless router industry to examine these questions. My identification strategy exploits legal events which forced some firms to release source code for their products, making a complementary operating system available to end users. Using a difference-in-differences approach, I find the complementary good increased product performance, with both ratings and review quantities increasing for affected routers. I uncover mechanisms for the performance increase through natural language processing, and I find suggestive evidence of the heterogeneous effects of opening intellectual property on firm performance.

Research Interests: Technology and Innovation, Strategy, Entrepreneurship, Open Innovation

Teaching Interests: Core Strategy, Technology Strategy, Innovation, Entrepreneurship

RESEARCH

PUBLICATIONS

Choudhury, Prithwiraj and Do Yoon Kim. "The Ethnic Migrant Inventor Effect: Codification and Recombination of Knowledge Across Borders." *Strategic Management Journal*. Forthcoming.

WORK IN PROGRESS

Kim, Do Yoon. "Responding to Openness: Ecosystem changes from open source software." *Job market paper*

Kim, Do Yoon. "Misinformation in online labor platforms." *Working paper*

Kim, Do Yoon. "Knowledge creation and online recombination: Evidence from the Linux kernel." *Working paper*

TEACHING

HARVARD UNIVERSITY

Teaching Fellow, Department of Economics (*Ec1818, Economics of Discontinuous Change*)

2017

Case Method Teaching Seminar, Harvard Business Publishing

2016

Sophomore Academic Advisor, Lowell House

2016-2018

NORTHWESTERN UNIVERSITY

Teaching Assistant, Department of Mathematics

2012

CONFERENCES AND CONSORTIA

Strategic Management Society Annual Conference, <i>Paris, France</i>	2018
TIM Doctoral Consortium, <i>Academy of Management, Chicago</i>	2018
Open and User Innovation (OUI) Conference, <i>NYU Stern, New York</i>	2018
Consortium for Cooperation and Competition, <i>UC Berkeley, Berkeley</i>	2018
NBER Entrepreneurship Bootcamp, <i>NBER, Cambridge</i>	2017
Trans-Atlantic Doctoral Conference, <i>London Business School, London</i>	2016
Strategic Research Initiative PhD Bootcamp, <i>IESE Business School, New York</i>	2015

SELECTED PRESENTATIONS

(* denotes presentation by co-author)

- “Responding to Openness: Ecosystem changes from open source software” (*previously titled, “Responding to Openness: Testing the Impact of Open Source Software in the Wireless Router Industry”*)
- Strategic Management Society (September 2018)
 - Open & User Innovation Conference (Aug 2018)
 - Digital Initiative Doctoral Student Workshop (March 2018)
 - HBS Strategy Workshop (March 2018)
 - Consortium for Cooperation and Competition (March 2018)
- “The Ethnic Migrant Inventor Effect: Codification and Recombination of Knowledge Across Borders” (*previously titled, “Contextual Knowledge and Ethnic Inventors”*)
- Academy of Management (August 2018)*
 - Migration and Development Conference (June 2017)*
 - Sumantra Ghoshal Conference (June 2016)*
 - Trans-Atlantic Doctoral Conference, London Business School (May 2016)
 - Wharton Technology and Innovation Conference (April 2016)*
 - HBS Strategy Workshop (December 2015)

FELLOWSHIPS AND GRANTS

- Robert Wood Johnson, Jr. Charitable Trust Fellowship Fund, Harvard Business School
- Robert Coen Fellowship, Northwestern University

WORK EXPERIENCE

Research Assistant to Prof. Daniel Diermeier, Kellogg School of Management	2011-2013
Republic of Korea Army, Defense Security Command, Paju, South Korea	2008-2010

ACADEMIC AFFILIATIONS

- Strategic Management Society
- Academy of Management (STR and TIM divisions)

OTHER

- Languages: English, Korean (native), Chinese (conversational)
- Software: STATA, Python, R, Microsoft Office

REFERENCES

Shane Greenstein (chair)

Martin Marshall Professor of Business Administration
Harvard Business School
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Dennis Yao

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