

Curriculum Vitae - January, 2025
Dr. Vaarun Vijairaghavan

Haskayne School of Business
University of Calgary
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ACADEMIC APPOINTMENTS

Haskayne School of Business, University of Calgary

Assistant Professor, Business Technology Management Jul 2021 - Present
Instructor (Full-time Faculty), Management Information Systems Aug 2014 - Sep 2016

Paul Merage School of Business, University of California, Irvine

Visiting Scholar, Information Systems Fall 2024

EDUCATION

Doctor of Philosophy (Ph.D.)

University of Calgary, Calgary, Alberta, Canada

Major - Business Technology Management

Minor - Accounting

Thesis Title - How Should Information Technology be Regulated?

Supervisor - Dr. Barrie R. Nault

Jul 2021

Master of Business Administration

Schulich School of Business, York University, Toronto, Ontario

Major - Management Consulting

Apr 2009

Bachelor of Engineering

University of Pune, Pune, Maharashtra, India

Major - Computer Engineering

May 2003

RESEARCH INTERESTS

Economics of Information Systems, Economics of Data Portability, Incentives and Investments in Networks, Platforms, Piracy, IT Productivity

WORKING PAPERS AND WORKS IN PROGRESS

*Vijairaghavan, V., Hidaji, H., and Nault, B.R. Consequences of Resorting to Fines and Investments to Regulate Data Portability. Revision requested by *Management Science* (January 2025).*

Fereidouni, M., and Vijairaghavan, V. Fair Play for Fair Pay: Fighting Digital Piracy through Revenue Sharing. Under review at MIS Quarterly. (January 2025).

Vijairaghavan, V., and Nault, B.R. Smart Grids: Incentivizing Growth and Investment in Demand Response. Under review at MSOM (January 2025).

Vijairaghavan, V., Kupfer, A., and Nault, B.R. Energy Productivity Implications of IT Investments. Working Paper (October 2024).

Vijairaghavan, V., Hidaji, H., Kundisch, D., and Zimmermann, S. Coercion of Firms by Platforms: Blessing or

Curse? Working paper (January 2025).

Cheng, Zhuo(June)., Jafri, R., and *Vijairaghavan, V.* Information Technology and Accruals. Working Paper (January 2025).

Vijairaghavan, V., Cheng, Zhuo(June)., and Nault, B.R. IT and Firm Costs. Work in progress (April 2020).

CONFERENCE PAPERS AND PRESENTATIONS

(Speaker italicized)

Vijairaghavan, V., Hidaji, H., Kundisch, D., and Zimmermann, S. Coercion of Firms by Platforms: Blessing or Curse? *University of California, Irvine, Irvine CA*, January 2025. (Invited)

Vijairaghavan, V., Hidaji, H., Kundisch, D., and Zimmermann, S. Coercion and Platform Competition *Proceedings of the INFORMS Conference on Information Systems and Technology (CIST)*, Seattle WA, October 2024. (refereed)

Vijairaghavan, V., Kupfer, A., and Nault, B.R. Energy Productivity Implications of IT Investments. *INFORMS Annual Meeting*, Seattle WA, October 2024 (invited).

Fereidouni, M., and *Vijairaghavan, V.* Collaborative Strategies to Fight Digital Piracy: Incentivizing ISPs through Revenue Sharing. *Management Information Systems Quarterly (MISQ) Author Development Workshop, Online*, June 2024. (refereed)

Vijairaghavan, V., Hidaji, H., Kundisch, D., and Zimmermann, S. When Should Firms Delist from a Dominant Gatekeeper Platform? *Management Information Systems Quarterly (MISQ) Author Development Workshop, Online*, June 2024. (refereed)

Fereidouni, M., and *Vijairaghavan, V.* Fair Play for Fair Pay: Fighting Digital Piracy through Revenue Sharing. *The Proceedings of the International Conference on Information Systems (ICIS), Hyderabad, India*, December 2023. (refereed)

Jafri, R., and *Vijairaghavan, V.* Information Technology and Accruals. *The INFORMS Annual Meeting, Phoenix, AZ*, October, 2023. (invited)

Vijairaghavan, V. How Should Information Technology be Regulated? *International Conference on Information Systems (ICIS) Doctoral Consortium*, online, December 2020. (refereed)

Vijairaghavan, V. Intermediated Platforms and Firm Investments. *University of California, Merced*, September 2020. (invited talk)

Vijairaghavan, V. Winner Take All with Data Portability. *University of Calgary, Industry Advisory Committee (IAC)*, April 2020. (invited talk)

Vijairaghavan, V., Nault, B.R., and Hidaji, H. Winner Take All with Data Portability. *Workshop on Information Systems and Economics (WISE)*, Munich, Germany, December 2019. (refereed)

Vijairaghavan, V., and Nault, B.R. Smart Grids: Incentivizing Growth and Investment in Demand Response *Proceedings of the INFORMS Conference on Information Systems and Technology (CIST)*, Seattle WA, October 2019. (refereed)

Vijairaghavan, V., and Nault, B.R. IT and Firm Costs. *INFORMS Annual Meeting*, Seattle WA, October 2019 (invited)

Vijairaghavan, V., and Nault, B.R. Smart Grids: Incentivizing Growth and Investment in Demand Response. *Pro-*

POST-GRADUATE STUDENT SUPERVISION

Meysam Fereidouni, Post-Doctoral Student Co-Supervisor (With Dr. Barrie Nault) Sep 2023 - Jun 2024.

PHD STUDENT COMMITTEES

Afrouz Hojati, Ph.D. Defense Committee Summer 2024
Ean Tsou, Ph.D. Field of Study Exam Committee Winter 2023
Afrouz Hojati, Ph.D. Proposal Defense Committee Fall 2023

GRANTS, SCHOLARSHIPS AND AWARDS

SSHRC Insight Development Grant (PI) on "Improving Energy Productivity through Information Technology" (C\$65,400) with B.R. Nault, *Social Sciences and Humanities Research Council of Canada*. 2023 -2025
Vice-President Research (VPR) Catalyst Grant (PI) "Fighting Digital Piracy Without Policymaker Intervention" (C\$11,600) University of Calgary 2023
SSHRC Insight Grant (Co-I) "Impact of data portability on competition, privacy, and welfare" (C\$122,500) with H. Hidayi (PI) and B.R. Nault, *Social Sciences and Humanities Research Council of Canada*. 2022-2027
University of Calgary Startup Grant (C\$45,000), University of Calgary 2021-2024
Dean's Doctoral Scholarship (Open Scholarship Competition, C\$15,000), University of Calgary 2020-2021
Alberta Graduate Excellence Scholarship (AGES) (C\$15,000), University of Calgary 2019-2020
Paramount Resources Ltd Graduate Scholarship (C\$6,000), University of Calgary 2019-2020
International Student Merit Scholarship (C\$5,000), York University 2007
Best of IBM Award, IBM Software Labs 2005
IBM Subject Matter Expert on Communication 2005
Best of IBM Award (Most Valuable Trainer), IBM Software Labs 2004

DISSERTATION

Vijairaghavan, V. How Should Information Technology be Regulated? University of Calgary, Doctoral Thesis (2021). Available at <https://prism.ucalgary.ca/items/1dc41955-b901-4588-84c6-950ce08c4f6f>

OTHER PUBLICATIONS

Vijairaghavan, V., Shah, D., Galgali, P., Shah, A., Shah, N., Srinivasan, V., and Bhatia, L. (2007). Marking technique to isolate boundary router and attacker. *Computer*, 40(2), 54-58.

Katiyar, M., & *Vijairaghavan, V.* (2007). Isolate and resolve memory leaks using MALLOCDEBUG on AIX Version 5.3. IBM Developerworks. <https://www.ibm.com/developerworks/aix/library/au-mallocdebug.html>

PROFESSIONAL EXPERIENCE

Product Marketing Manager, *Smart Technologies* Feb 2011 - May 2014
Calgary, Alberta, Canada.

Led global launch of new \$6M productivity solutions targeted at Fortune 500 customers. Worked closely with senior management to build product roadmaps, plans for outbound logistics, and a plan to move to a subscription based revenue stream

Sessional Lecturer, *Management Information Systems* 2013, 2014, 2020

Haskayne School of Business, University of Calgary, Calgary, Alberta, Canada.

Taught Data Analytics I (Gathering, Wrangling and Analyzing Data in R, with an Introduction to Machine Learning) in Fall 2020 with a mean USRI across categories of 6.38/7, and core MIS courses in 2013 and 2014.

Consultant, Nulli Secundus Inc May 2009 - Oct 2010
Calgary, Alberta, Canada.

Provided system integration, enterprise architecture, and information security services for healthcare and government organizations, with a focus on access control and identity management

Marketing Research Intern, Autodesk Inc Jul 2007 - Jul 2008
Toronto, Ontario, Canada.

Developed the business case for EcoViz, a new product concept that enables a designer to visualize the impact of design decisions on sustainability. Provided insights to help inform firm investment decisions early in the software development lifecycle

Product Development Analyst, IBM Software Labs Jul 2003 - Dec 2006
Pittsburgh, PA, U.S.A; Pune, Maharashtra, India.

Identified customer requirements in order to guide software product development. Developed code for bi-annual releases to IBM's Distributed Computing Environment (DCE), a legacy middleware product. Conducted corporate training on technical subjects through IBM's Centre for Competency. Promoted and managed inter-department knowledge sharing with the goal of generating intellectual property

COURSE DESIGN (UNIVERSITY OF CALGARY)

Business Technology Management - MBA Program Core Course (BTMA 601) Fall 2021
IT for Value Innovation - MMgt Program Core Course (BTMA 674) Winter 2023

COURSES TAUGHT (UNIVERSITY OF CALGARY)

Business Technology Management - MBA Program Core Course (BTMA 601) 2021 - current
Mean Teaching Ratings : 6.32/7; Mean Class Size: 47; Sections Taught: 3

IT for Value Innovation - MMgt Program Core Course (BTMA 674) 2022 - current
Mean Class Size: 37; Sections Taught: 2

Data Analytics I - BComm Elective Course (BTMA 431, Online Delivery) 2020 - 2022
Content: Gathering, Wrangling and Analyzing Data in R
Teaching Ratings (mean across categories): 6.38/7; Class Size: 39; Sections Taught: 3

Introduction to Management Information Systems - MBA Program Core Course (MGIS 601) 2014 - 2016
Teaching Ratings (mean across categories): 6.16/7; Mean Class Size: 43; Sections Taught: 6

Introduction to Management Information Systems - BCom Core Course (MGIS 317) 2012 - 2016
Teaching Ratings (mean across categories): 5.77/7; Mean Class Size: 52; Sections Taught: 9

Information Systems in Business - BCom course (MGIS 321) 2014 - 2016
Teaching Ratings (mean across categories): 5.91/7; Mean Class Size: 41; Sections Taught: 3

CASE COMPETITIONS

Supervisor, Winning Team, Digital Innovation Case Challenge 2024
Supervised Master of Management student team to the 1st place (\$5000) at the Digital Innovation Case Challenge.

Supervisor, Runner-up team, Hilti Innovation Challenge 2015
 Supervised MBA students to the runners-up position at the Hilti Innovation Challenge 2015. Team won job offers from Hilti.

SERVICE

Reviewer, Information Technology and Management 2024

Reviewer, MISQ Workshop 2024

Reviewer, Management Science 2024

Discussant at the Workshop on Information Systems and Economics (WISE), Hyderabad, India 2023

Reviewer, Information Technology and Management 2023

Reviewer, Information Systems Research 2023

Session Chair, "Platforms, Firms and Strategic Decisions", INFORMS Annual Meeting, Phoenix, AZ 2023

Member, Program Committee (Research Review), Conference on Information Systems and Technology (CIST), Phoenix, AZ 2023

Member, Program Committee (Research Review), Conference on Information Systems and Technology (CIST), Indianapolis, IN. 2022

Reviewer, Management Science 2022

Member, Graduate Programs Review Committee, Haskayne School of Business Feb 2022 - Jun 2023

Academic Member, BTMA Industry Advisory Council, Haskayne School of Business Jul 2021 - Present

Reviewer, Information Systems Research 2021

Reviewer, Information Technology and Management 2021

Panel Discussant, Doctoral Association for Students of Haskayne (D.A.S.H), University of Calgary Sep 2019
 Topic: Course Selection for New Ph.D. Students

Guest speaker, Doctoral Association for Students of Haskayne (D.A.S.H), University of Calgary May 2019
 Topic: Ph.D. Field of Study Workshop

Reviewer, The 2017 International Conference on Information Systems (ICIS) 2017

Course Coordinator, BCom MIS Core Course (MGIS 317), Haskayne School of Business 2015
 Coordinated the core MIS 317 course across six sections and three instructors ensuring consistency across sections in terms of content and testing

Faculty volunteer, Haskayne United Way Campaign Committee, Haskayne School of Business 2014

Guest lecture, University of Pune, India 2012
 Topic: Technical Skills for the Current Market

ADDITIONAL INFORMATION

Citizenship - Canada

Mountaineer with ski touring and rock climbing experience of classic routes in the Canadian Rockies

REFERENCES

Dr. Barrie R. Nault

Distinguished Research Professor
Business Technology Management (BTM)
Haskayne School of Business
University of Calgary
403-220-2742
nault@ucalgary.ca

Dr. Mark Anderson

Associate Professor, Accounting
Richard F. Haskayne Chair in Accounting
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