Curriculum Vitae - November, 2026

Dr. Vaarun Vijairaghavan

Haskayne School of Business
University of Calgary
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Calgary, Alberta, Canada T2N1N4

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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

Faculty of Business and Management, University of Innsbruck, Austria

Visiting Researcher, Information Systems, Production, and Logistics Management — Winter 2026

Faculty of Mathematics and Economics, University of Ulm, Germany

Visiting Academic, Institute for Business Analytics — Winter 2026

Education

Doctor of Philosophy (Ph.D.) — Jul 2021
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

Master of Business Administration — Apr 2009
Schulich School of Business, York University, Toronto, Ontario

Bachelor of Engineering — May 2003
University of Pune, Pune, Maharashtra, India

Major - Computer Engineering

Research Interests

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

Refereed Journal Articles and Working Papers

Vijairaghavan, V., Hidaji, H., and Nault, B.R. (2026) Consequences of Resorting to Fines and Investments to Regulate Data Portability. *Management Science*, 72(5), 3761-3779. doi: 10.1287/mnsc.2024.08404

Fereidouni, M., *Vijairaghavan, V.*, and Nault, B.R. Fair Play for Fair Pay: Fighting Digital Piracy through Revenue Sharing. Revise and resubmit at *Information Systems Research*. (October 2026).

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

Curse? Revise and resubmit at *Information Systems Research.* (October 2026).

Vijairaghavan, V., Kupfer, A., and Nault, B.R. Energy Productivity Implications of IT Investments. Under review at *Production and Operations Management.* (November 2026).

Jafri, R., Srivastava, A., and *Vijairaghavan, V.* Information Systems, Accruals Quality, and the Cost of Equity. Under Review at *The Accounting Review* (November 2026).

Vijairaghavan, V., and Nault, B.R. Smart Grids: Incentivizing Growth and Investment in Demand Response (April 2025).

Vijairaghavan, V., and Nault, B.R. IT and Firm Costs. Working Paper (April 2020).

Conference Papers and Invited Presentations

(Speaker italicized)

Vijairaghavan, V., Hidaji, H., Kundisch, D., and Zimmermann, S. Coercion of Firms by Platforms: Blessing or Curse? *INFORMS Annual Meeting*, San Francisco, WA, October 2026 (invited).

Discussant for the paper "Search Prominence Among E-Commerce Platforms" by Mao Yuan, Yi Zhu, and Anthony Dukes at the *Theory in the Economics of Information Systems (TEIS), San Diego, CA* , March 2026. (Invited)

Fereidouni, M., and *Vijairaghavan, V.* Fair Play for Fair Pay: Fighting Digital Piracy through Revenue Sharing. *DiSCourse Seminar, University of Innsbruck*, Innsbruck, Austria, February 2026. (Invited). Recording published as an open educational resource (CC BY-SA 4.0). doi: 10.48517/nvyk-9b02

Vijairaghavan, V., Kupfer, A., and Nault, B.R. Energy Productivity Implications of IT Investments *Ulm University*, Ulm, Germany, February 2026. (Invited)

Vijairaghavan, V., Hidaji, H., Kundisch, D., and Zimmermann, S. Coercion of Firms by Platforms: Blessing or Curse? *INFORMS ISS - ISR Paper Development Workshop, Atlanta, GA*, October 2025. (refereed)

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)

Discussant for the paper "The Economics of Fine-tuning for Large-Scale AI Models" by Sihan Qian, Amit Mehra,

and Dengpan Liu at the *Workshop on Information Systems and Economics (WISE), Hyderabad, India* , December 2023. (Invited)

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. *Proceedings of the 2018 Conference on the Digital Economy (CODE)*, Puducherry, India, December 2018 (refereed)

Post-Graduate Student Supervision

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

PhD Student Committees

Elnaz Basirianmahabadi, Ph.D. Defense Committee	Fall 2026
Jonathan Tanone, Ph.D. Defense Committee	Fall 2026
Mahdi Kiaee, Ph.D. Proposal Defense Committee	Fall 2025
Mahdi Kiaee, Ph.D. Field of Study Exam Committee	Winter 2025
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 Grant (PI) on "The Impact of Information Technology on Firm Costs and Financial Reporting Quality" (C$119,854) with B.R. Nault, and R. Jafri. *Social Sciences and Humanities Research Council of Canada.*	2026 -2031
Outstanding Achievement Award (C$1,650), University of Calgary	2025
Eyed High Star publication award (C$5,000) for *Consequences of Resorting to Fines and Investments to Regulate Data Portability*, accepted at *Management Science*, *Haskayne School of Business.*	2025
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 -2026
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. Hidaji (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

Research Translation and Other Publications

Hidaji, H., B. Nault, and *Vijairaghavan, V.* 2025. What are the effects of data portability? Futurum, June 2025.

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 Resarch 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* — 2026
Supervised Master of Management student team to the 1st place ($6000) at the Digital Innovation Case Challenge.

Supervisor, Winning Team, *S&P Challenge 2025 Innovation Olympics* — 2025
Mentored MBA student team to the top place ($4000 award) at the S&P Innovation Olympics.

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

(Each reviewed submission is reported separately.)

Reviewer, *Information Systems Research* — 2026
Reviewer, *Information Systems Research* — 2026

Reviewer, *Information Systems Research* 2026
Reviewer, *Information Systems Research* 2026
Reviewer, *Information Systems Research* 2026
Member, *Program Committee (Research Review), Conference on Information Systems* 2026
and Technology (CIST), San Francisco, CA

Reviewer, *MIS Quarterly* 2026
Reviewer, *Information Systems Research* 2026
Reviewer, *MIS Quarterly* 2026
Reviewer, *Information Systems Research* 2026
Reviewer, *Information Systems Research* 2025
Member, *Program Committee (Research Review), Conference on Information Systems* 2025
and Technology (CIST), Atlanta, GA
Reviewer, *Management Science* 2025
Reviewer, *Information Systems Research* 2025
Host, *Haskayne Mentorship Program, for Dr. Vidyanand Choudhary* Spring 2025
Member, *Graduate Programs Review Committee, Haskayne School of Business* Spring 2025 - Present
Reviewer, *Management Science* 2025
Member, *Program Committee (Research Review), Conference on Information Systems and Technology* 2024
(CIST), Seattle, WA
Reviewer, *Information Technology and Management* 2024
Reviewer, *MISQ Workshop* 2024
Reviewer, *Management Science* 2024
Reviewer, *Information Technology and Management* 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* 2023
(CIST), Phoenix, AZ
Member, *Program Committee (Research Review), Conference on Information Systems and Technology* 2022
(CIST), Indianapolis, IN.
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
Member, *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
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