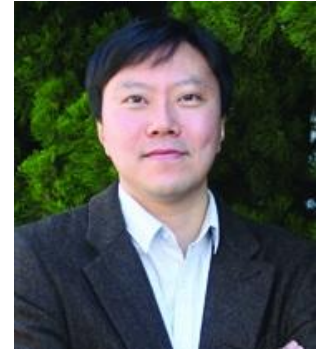# Curriculum Vitae

**Jong Ho Kim, Ph. D.**

Professor, Dept. of Business Administration, Kyungsung University
Vice President, Korea Business Incubation Association (KOBIA)

Unit 508, 4th Building, Kyungsung University
309, Suyeong-ro, Nam-gu, Busan, 48434, Republic of Korea

Office: +82 51 663 4458
Mobile: +82 10 3294 5029
E-Mail: jonghokim@ks.ac.kr

## Academic History

| | | |
|---|---|---|
| 2003 | Ph.D. | Korea Advanced Institute of Science and Technology (KAIST)\ College of Business<br>Major: Management Information Systems<br>Emphasis: Information Systems Analysis and Design |
| 1996 | M.A. | Korea Advanced Institute of Science and Technology (KAIST) College of Business<br>Major: Management Information Systems |
| 1994 | B.S. | Korea Advanced Institute of Science and Technology (KAIST) College of Business<br>Major: Management & Policy |

## Employment History

| | |
|---|---|
| 2011 – Present | Professor, Department of Business Administration, Kyungsung University |
| 2019 – 2021 | Visiting Scholar, ITSM, George Washington University |
| 2008 – 2011 | Research Fellow, Industrial Strategy Division, Hyundai Research Institute |
| 2006 – 2008 | Research Assistant Professor, Graduate School of Hospital Management, Catholic University |
| 2003 – 2006 | Senior Consultant, Samsung Electronics IS Division, Samsung Data Systems |
| 1996 – 2003 | Researcher, Institute of Technology, BIT Computer |

**Professional History**

**Teaching and Advisement**

## Teaching Positions

2016 - Present     Professor, Department of Business Administration, Kyungsung University, Busan, Republic of Korea.
Responsibilities: Designing, developing and teaching graduate and undergraduate students enrolled in the MIS courses.

2011 - 2016     Assistant Professor, Department of Business Administration, Kyungsung University, Busan, Republic of Korea.
Responsibilities: Designing, developing and teaching graduate and undergraduate students enrolled in the MIS courses.

2006 - 2008     Research Assistant Professor, Graduate School of Hospital Management, Catholic University, Seoul, Republic of Korea.
Responsibilities: Teaching graduate students enrolled in the Hospital Information Systems Graduate Program. Advising and serving on Masters students' committees.

Mar. – June, 2003     Lecturer, Graduate School of Business Administration, University of Seoul, Seoul, Republic of Korea.
Responsibilities: Teaching graduate students enrolled in the Information Management Class of the MBA Program.

## Student Advisement

### Doctoral Committees

Young-Dae Kim, Ph.D. *The Effect of Organizational Health and Organizational Identity on Organizational Commitment and Turnover Intention*. Successfully defended June 8, 2018. Kyungsung University

Ick-Jum Cho, Ph.D. *A Study on the Relationship of Interchange between Leader and Mid-Manager within IT Industries in Korea and China, Psychological Ownership, Organizational Commitment, Organizational Citizenship and Entrepreneurial Behavior*. Successfully defended December 12, 2016. Kyungsung University

Jong-Kook Kim, Ph.D. *A Study on the Effect of Employee's Perception of Organizational Politics and Perceived Organizational Justice in the Influence of Resistance to Change and Attitude.* Successfully defended December 13, 2016. Kyungsung University

Jai Eik Ryu, Ph.D. *The Impact of Authentic Leadership on the Organizational Commitment and Innovative Behavior – Focused on the Organizational Trust and Positive Psychological Capital.* Successfully defended December 13, 2016. Kyungsung University

Byung-Soo Kim, Ph.D. *The Effect of fit between Styles of CEO and Manager on Organizational Commitment and Job Performance.* Successfully defended June 8, 2015. Kyungsung University

Hyung-Jin Kim, Ph.D. *The Effect of Predecessors of Open Innovation on Technology Innovation Strategy and Performance.* Successfully defended June 12, 2015. Kyungsung University

### Masters Committees

Hyun-Joo Kim, M. A. *An Architecture for the Mixture of POMR and SOMR type EMR.* Successfully defended June 15, 2007.Catholic University

## Research and Professional Development

## Books

Jongho Kim, Jaehong Yoon, and Yoojun Choi (2016). *Technology Startup Management,* Seoul, ePress.

Jongho Kim, Yongtae Park, and Dongcheol Han (2015). *Management Information Systems,* Seoul, ePress

Minseok Pang, Woojong Suh, Jonghno Kim, and Heeseok Lee (2010). *Handbook of research on Web 2.0, 3.0, and X.0: technologies, business, and social applications.* Information Science.

Jongho Kim, et al. (2009). *Korean Economic Map,* Seoul, One and One Books.

Jongho Kim, et al. (2008). *CHIMEA Economics,* Seoul, Hyundai Research Institute Books.

## Refereed Publications

Jongho Kim (2025), Development of a Power Plant Monitoring AI Platform Using Signal Characteristic Functions. *Journal of Digital Contents Society*. 25(12)

Jongho Kim, Hwakyu Park (2023). Development of Reliability Analysis AI Platform based on Vehicle Driving Big Data. *Journal of Digital Contents Society*. 23(12)

Hwakyu Park, Jongho Kim (2023). Case Study: PBL-Driven Healthcare Data Science Specialization and Learning Performance. *Journal of IT Service Society.* 22(1).

Murtaza Hussain Shaikh, Jongho Kim (2022). Strengthening Hyperconnectivity with Imperative Digital Lifestyle. *Journal of Business Convergence*. 7(1).

Murtaza Hussain Shaikh, Jongho Kim (2022). Factor Analysis of IoT Relative Advantages with TAM Model. *Journal of Next-generation Convergence Technology Association*. 6(2).

Jongho Kim (2020). Development of Clinical Analytics Platform for the Sharing and Analysis of Clinical Cases. *Journal of Next-generation Convergence Technology Association*. 4(1).

Murtaza Hussain Shaikh, Ivevel S. Karlson, Jongho Kim (2018). Strengthening Patient's Privacy in IoT Centered Ubiquitous Healthcare Supervision in the United Kingdom. *Asia-pacific Journal of Convergent Research Interchange.* 4(4).

Murtaza Hussain Shaikh, Jongho Kim (2018), Indication of European Union Clients' Privacy Conservation in an IoT SCM System. *International Journal of Private Cloud Computing Environment and Management*. 5(2).

Jongho Kim (2018). Development of Comparative Competitiveness Evaluation Model for Spatial Information Industry and Business Model for International Entry Type. *Journal of Internet Electronic Commerce Research.* 18(4).

Murtaza Hussain Shakh, Noor Ahmed Ansari, Jongho Kim (2018). The Effectiveness of Constructive Cost Model 2.0 for IoT Software Projects: A Case Study on Siemens. *Journal of Internet Electronic Commerce Research.* 18(2).

Jongho Kim (2016). Development of a Platform to resolve the Mismatch between Job and Competence in Recruitment Market. *Journal of Korea Society of Digital Industry and Information Management. 12(3).*

Jongho Kim (2015). Architecture, Software Process and Matching Techniques for the Competence Oriented Recruiting Platform. *International Journal of Applied Engineering Research.* 10(90).

Jongho Kim (2015). Convergence strategies for spatial data industry based on industry value chain analysis. *Indian Journal of Science and Technology*. 8(19).

Jongho Kim, Mira Nam, Dongseop Jung, Daeho Byeon (2015). A Study on the Change of Attitude through Education for Preparing the Competency Based Resume. *The Journal of Industrial Innovation.* 31(1).

Jongho Kim (2014). A Phased Evolution Model for Spatial Information Ecosystem and Platform based on the Dynamic Innovation Theory. *Journal of Korean Contents Association.* 14(12).

Pilsoo Kim, Jongho Kim (2013). Analysis of Success and Constraint Factors of Korean Wave Based on Acculturation Model. *Journal of the Korea Entertainment Industry Association.* 9(1).

Pilsoo Kim, Jongho Kim (2013). Analysis of Success and Threat Factors for the K-POP by Comparing Spread Process between Japanese Animation and K-POP. *Journal of the Korea Entertainment Industry Association.* 7(4).

Jongho Kim (2013). Finding Critical Success Factors for Spatial Data Industry by Comparing Strategies of Digital Earth Enterprises. *Journal of Korean Contents Association.* 13(3).

Cheolseon Kim, Jongho Kim (2012). A study on Market Penetration Strategy for Smart Contents Providers. *Journal of the Korea Society of Digital Industry and Information Management.* 8(4).

Jongho Kim (2012). Application of data mining techniques for finding customer-oriented product market segments. *Journal of Digital Contents Society.* 13(3).

Jongho Kim (2011). An Architecture and Software Process for the Convergence of Heterogeneous Medical Recording Contents. *Journal of Digital Contents Society.* 12(4).

Jongho Kim (2011). Development of Fostering Strategies for MICE Industry through the Value Chain Analysis. *Northeast Asia Tourism Research*. 7(4)

Jongho Kim, Hwagyoo Park (2010). Segmentation and Promotion Strategy for Spatial Data Industry. *Journal of Korean Electronic Commerce Research Association,* 11(3).

Jongho Kim, H. K. Hong, G. Jang, S. Kim, J. Y. Kim (2009). Development of knowledge intensive applications for hospital. *Communications in Computer and Information Science*. 35

Minseok Pang, Woojong Suh, Jongho Kim, Heeseok Lee (2009). A Benchmarking-Based Requirement Analysis Methodology for Improving Web Sites. *International Journal of Electronic Commerce.* 13(3)*.*

Jongho Kim, Hwagyoo Park (2008). Strategies to Enhance Competitiveness of Spatial Data Industry through Convergence of Industrial Value Chain. *Journal of the Korean Institute of Plant Engineering.* 13(3).

Jongho Kim (2008). A Technology Convergent Medical Service Engineering Model based on the Dynamic Innovation Theory. *IE Interfaces.* 17(4).

Jongho Kim and Hwagyoo Park (2008). A Study on Domestic Medical Cluster and International Competitiveness for Enhancing Healthcare Services Industries. *Journal of the Korean Institute of Plant Engineering.* 13(2).

Jongho Kim (2008).  Information Strategy Planning based on Six-Sigma DMADOV Methodology. *Korean Management Science Review.* 25(1).

Taehun Kim, Jongho Kim (2004). Developing a Medical Intelligence System in Medical Data Warehouse. *IE Interfaces.* 17(4).

Jongho Kim, Heeseok Lee, Woojong Suh (2003). Hypermedia modeling for linking knowledge to data warehousing system. *Expert Systems with Applications.* 24(1).

Heeseok Lee, Taehu Kim, Seunghyeon Cho, Insook Kim, Jeongwoo Hong, Jongho Kim (2001). Development of Medical Informatics Architecture based on HL7. *Information Systems Review*. 3(1).

Taehun Kim, Jongho Kim, Heeseok Lee (2001). A metadata oriented architecture for building data warehouses. *Journal of Database Management.* 12(4).

Heeseok Lee, Jongho Kim, Young Kim, Seon H. Cho (1999). A View-Based Hypermedia Design Methodology. *Journal of Database Management.* 10(2).

Heeseok Lee, Cheongsoo Yoo, Choongseok Lee, Yeonghwan Kim, Seonhyeong Cho (1997). Developing Intranet Hypermedia System Using Scenario-Based Object-Oriented Technique. *Korean Management Science Review.* 14(2).


**Conference Proceedings**

Kang Hengyu, Jongho Kim (2025). The Influence of Influencer Characteristics on Purchase Intention in TikTok Live Commerce: Focusing on the Mediating Effects of Parasocial Interaction and Influencer Loyalty. *Proceedings of the 2025 Fall Conference of Korea Internet Electronic Commerce Association,* Busan, Korea

Jongho Kim (2022). K-Nearest Neighbor Based Association Data Mining in Healthcare Data Systems. *Proceedings of the 2022 Fall Conference of Korea Internet Electronic Commerce Association,* Jinju, Korea

Jongho Kim (2018). Development of Comparative Competitiveness Evaluation Model for Spatial Information Industry and Business Model for International Entry Type. *Proceedings of the 20th 2018 Summer Conference of Korean Academy Society of Business Administration*. Kyungju, Korea.

Murtaza Hussain Shakh, Ivevel S. Karlson, Jongho Kim (2018). Fortifications of Patient's Privacy in IoT Ubiquitous Healthcare Supervision. *Proceedings of the 2nd 2018 International-Domestic Interdisciplinary Workshop.* Jeju, Korea.

Jongho Kim (2018). A Study on the Application Architecture of Decision Support Systems on Medical Big Data Platform. *Proceedings of the 2018 Winter Conference of Korean Communication Society*. Highone Resort, Korea.

Jongho Kim (2017). Finding Critical Success Factors for Spatial Data Industry by Comparing Strategies of Digital Earth Enterprises. *Proceedings of the 14th Sino-Korea International Conference on Regional Economy and Sustainable Development*. Jixian, China.

Jongho Kim (2017). A Study on the Problem Oriented Time Series EHR Architecture to Implement Medical Big Data. *Proceedings of the 2017 Winter Conference of Korean Communication Society*. Highone Resort, Korea.

Jongho Kim (2016). Development of Service Reference Model of Global Start-Up for International Entry in Spatial Industry. *Proceedings of 2016 Autumn Conference of Korean Information Systems Society*. Busan, Korea.

Jongho Kim (2016). Development of a Platform to resolve the Mismatch between Job and Competence in Recruitment Market – A Case Study. *Proceedings of 2016 Spring Conference of Korean Information Systems Society*. Jeju, Korea.

Jongho Kim (2015). Cluster Construction Strategies for the Convergence between Medical Technology and Service. *Proceedings of 2015 Congress of the Korean Society for Quality in Heath Care*. Changwon, Korea.

Jongho Kim (2015). An Architecture and Software Process for the Development of Competence Oriented Online Recruiting Platform. *Proceedings of ICCT 2015*. Hokkaido, Japan

Jongho Kim (2015). Analysis of consumption trend for cultural product in emerging market and elicitation of Korean wave spread policy based on Acculturation Model. *Proceedings of Special Seminar of Korean Broadcasting Society*. Seoul, Korea.

Jongho Kim (*2015*). Convergence Strategies for spatial data industry based on industry value chain analysis. *Proceedings of the 2nd International Conference on Digital Policy & Management*. Bangkok, Thailand.

Jongho Kim (2014). A Phased *Evolution* Model for Spatial Information Ecosystem and Platform based on the Dynamic Innovation Theory. *Proceedings of 2014 Autumn Conference of Korean Contents Society*. Seoul, Korea.

Pilsoo Kim, Jongho Kim (2014). Strategies for the Continuous Spread of Korean-Wave to cope with the change of Culture Industry. *Proceedings of 2014 Autumn Korean Entertainment Industry Association*. Gunsan. Korea.

Pilsoo Kim, Jongho Kim (2014). Analysis of Success and Constraint Factors of Korean Wave based on Acculturation Model. *Proceedings of 2014 Spring Conference of Korean Digital Policy and Management Society*. Gumi, Korea.

Jongho Kim (2014). A Comparison of Digital Ecosystem Construction Strategies for Platform Companies in Spatial Data Industry Based on Dynamic Innovation Theory. *Proceedings of the 2014 Winter Conference of Korean Communication Society*. Yongpeong Resort, Korea.

Jongho Kim (2013). Spatial Information New Business Strategy. *Proceedings of Workshop of Spatial information society*. Jeju, Korea.

Jongho Kim (2011). A Framework for Analyzing Strategies of Digital Earth Enterprises. *Proceedings of ICCC2011.* Manila, Philippines

Cheolseon Lee, Jongho Kim (2011). A study on Classification of Contents Development Strategies by Smart Contents Enterprise. *Proceedings of 2011 Autumn Conference of Korean Digital Contents Society.* Seoul, Korea.

Jongho Kim (2007). The Convergence of Medical Service and IT. *Proceedings of 2007 Autumn Conference of Korean Society of Medical Informatics.* Seoul, Korea.

Jongho Kim, Hyunju Kim (2007). Hybrid EMR System for the Simultaneous use of SOMR and POMR EMR. *Proceedings of 2007 Autumn Conference of Korean Society of IT Service.* Seoul, Korea.

Jongho Kim (2007). IT Convergent Service Engineering Model based on Dynamic Innovation Theory. *Proceedings of 2007 Autumn Conference of Korean Society of Management Information Systems.* Seoul, Korea.

Jongho Kim, Hyunju Kim (2007). An Architecture for the Problem oriented Electron Medical Records. *Proceedings of 2007 Spring Conference of Korean Society of IT Service.* Seoul, Korea.

Jongho Kim (2007). A study on Quantification of Information Strategy Planning using 6Sigma Techniques. *Proceedings of 2007 Spring Conference of Korean Society of IT Service.* Seoul, Korea.

Minseok Pang, Woojong Suh, Jongho Kim, Heeseok Lee (2006). Developing Website Quality Dimensions: A Synthesis and Application. *Proceedings of Pan-Pacific Conference 2016*. Busan, Korea.

Jongho Kim (2005). A Benchmarking-Based Requirement Analysis Methodology for Improving Websites. *Proceedings of 2005 Autumn Conference of Korean Society of Management Information Systems.* Seoul, Korea.

Jongho Kim (2002). Utilization of Knowledge Management Systems in Hospital. *Proceedings of 2002 Autumn Conference of Korean Society of Medical Informatics.* Seoul, Korea.

Jongho Kim, Woojong Suh, Heeseok Lee (2001). A Hypermedia Design Methodology for Knowledge Capitalization on Data Warehousing System. *Proceedings of PAIS 2001*. Seoul, Korea.

Taehun Kim, Jongho Kim, Heeseok Lee (2000). A Metadata-oriented Methodology for Building Data Warehouse: A Medical Center Case. *Proceedings of INFORM-KORMS 2000.* Seoul, Korea.

Heeseok Lee, Taehun Kim, Seunghyeon Cho, Insook Kim, Jeongwoo Hong, Jongho Kim (2000). Development of Medical Informatics Architecture based on HL7. *Proceedings of 2000 Spring Conference of Korean Society of Medical Informatics.* Seoul, Korea.

Heeseok Lee, Taehun Kim, Jongho Kim (1999). Development of Security Prototype Meta System for Medical Data Warehouse. *Proceedings of 1999 Autumn Conference of Korean Society of Database.* Seoul, Korea.

Heeseok Lee, Taehun Kim, Jongho Kim (1999). Development of Medical Data Warehouse. *Proceedings of 1999 Autumn Conference of Korean Intelligent Information Systems Society.* Seoul, Korea.

Heeseok Lee, Cheongsoo Yoo, Choongseok Lee, Yeonghwan Kim, Seonhyeong Cho (1997). Developing intranet hypermedia system by using scenario-based OO Methodology. *Proceedings of 1997 Autumn Conference of Korean Management Information Systems Society.* Seoul, Korea.

Heeseok Lee, Jongwon Lee, Choongseok Lee, Jongho Kim (1996). A Case of Hypermedia Application Development using scenario-based OO Methodology. *Proceedings of 1996 Autumn Conference of Korean Society of Database.* Seoul, Korea.

Heeseok Lee, Jongwon Lee, Choongseok Lee, Jongho Kim (1996). Development of Educational Corporate Internet Infrastructure. *Proceedings of 1996 Autumn Conference of Korean Management Information Systems Society.* Seoul, Korea.

Heeseok Lee, Jongho Kim, Young Kim, Seon H. (1996). A view based methodology for designing hypermedia applications. *Proceedings of Pacific Workshop on DMS.* Hong Kong.


## Grants

| | |
|---|---|
| 2011 ~ 2018 | Kyungsung University Research or Teaching Effectiveness Grant, $2,000 ~ $6,000 **Awarded Each Year.** |
| 2015 | Industry-University Cooperation Program titled "Development of Job Competency Matching Platform to Promote Employment in Regional Corporations", Department of Small& Medium Venture Business, $42,000 **Awarded**. |
| 2013 | Industry-University Cooperation Program titled "Elaboration of Service Model for Spatial Information Industry using Free Trade Agreement", National Territorial Information Corporation, $36,000 **Awarded**. |

2012        Industry-University Cooperation Program titled "Development of Strategy to Globalize the Spatial Information Open Platform", Korea Research Institute for Human Settlements, $40,000 **Awarded**.

## Services

## University Administrative Work

2015 ~ 2017    Director, Startup Support Foundation in Kyungsung University
2015 ~ 2017    Director, Startup Incubating Center in Kyungsung University
2015 ~ 2016    Director, Startup Education Center in Kyungsung University

## Outreach Activities

2018 ~ 2025    Vice President, Korea Business Incubation Association (KOBIA)
2024           Chairman, Korea International Electronic Commerce Association
2018           CEO, HyperLogic Co., Inc.
2016 ~ 2018    Editor in Chief, the Journal of Internet Electronic Commerce Research
2017           Chairman, Busan Ulsan Business Incubation Association (BUBIA)
2012 ~ 2013    Advisor, Korean Ministry of Land, Transport and Maritime Affairs
2009 ~ 2011    Advisor, Innovation Project for Intelligent Land Information Technology
2008           Advisor, Steering Committee of Wonju Advanced Medical Complex
2007           Advisor, KT Future Technology Institute
2002           Volunteer Lecturer, World Knowledge Corps.
1990 ~ 1993    Reporter/Editor in Chief, KAIST Times

## Honors and Awards

Recognition and Appreciation Award, Designing and Operating National Case Competition on IT projects for Undergraduate Students, Korea Society of Management Information Systems, 2018.

Recognition and Appreciation Award, Creating Startup Ecosystem in Busan, Mayor of Busan 2017.

Best Paper Award in Fall Conference of the Korea Internet e-Commerce Association, 2017.

Outstanding Teacher Award, Supervising Students for IT project Competition hosted by the Korea Society of Information Systems, KSIS, 2015.

Outstanding R&D Performance Award, Kyungusng University, 2013~2014.

Best Paper Award in Fall Conference of the Korea Society of Management Information Systems, 2005.

Recognition and Appreciation Award, Contribution as Editor in Chief for KAIST Times, KAIST 1993.

## Courses Taught

Kyungsung University
| | |
|---|---|
| SC 005 | Principles of Management |
| CC 227 | Principles of Management Information Systems |
| CE 219 | Web Analysis and Design |
| CC 325 | Business Database |
| CC 313 | Strategic Management |
| CE 319 | Venture Management |
| CE 340 | System Analysis and Design |
| CE 235 | Information Management |

Catholic University in Seoul
| | |
|---|---|
| EM 300 | Medical Informatics |
| EM 405 | Introduction of Database |
| EM 455 | Project Management |
| EM 505 | U-Health Systems |
| ED 507 | Information Technology Consulting Methodology |

University of Seoul
| | |
|---|---|
| BP 110 | Information Management |