

JIN, HSIN-EN

Department of Industrial Management and Information
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Education

- National Chiao Tung University (NCTU), Taiwan o Ph.D. in Department of Industrial Engineering and Management

Area of Specialty

- Big Data Analytics & Statistical Analysis • Smart Manufacturing & Quality Control (SPC, DOE, Six Sigma) • Cross-disciplinary AI Healthcare Applications • Project Management, Production & Operations Management • Smart Enterprise

Academic Experience

- National University of Kaohsiung | Consultant, AI Artificial Intelligence Center (Nov. 2024 – July 2026)
- Chang Gung, Pingtung VGH, & Kai-Suan Hospital | Co-Investigator / AI Healthcare Research (Jan. 2023 – Present)
- National Kaohsiung University of Science and Technology | Adjunct Assistant Professor (Aug 2025 – July 2026)

Journal Papers

- Su JH, Lee XD, Shen YC, Jin HE, Hong TP, Chuang YC, Jiang YL, Yen SC. Interpretable Uroflow Pattern Recognition and Key Parameter Identification for Clinical Assessment. International Journal of Clinical Practice. 2026;2026:6811388. doi:10.1155/ijcp/6811388. (SCI)

Conference Papers

1. Lee XD, Shen YC, Su JH, Jin HE, Hong TP. Intelligent Bladder Function Detection Technology. Proceedings of the 22nd Conference on Island Information Technology and Applications, National Quemoy University, 2024.
2. Chuang WM, Kao SS, Su JH*, Hong TP, Jin HE. Deep Learning-Based Gastric Cancer Image Classification with Hybrid Data Augmentation. Proceedings of the IEEE International Conference on Consumer Electronics – Taiwan (ICCE-TW); July 1–3, 2026; Taoyuan, Taiwan.

Dissertation

- Jin HE. "Overcoming Three Major Implementation Barriers of Pull-Based Supply Chains through Statistical Simulation Experiments." Ph.D. Dissertation, Department of Industrial Engineering and Management, National Chiao Tung University, June 2013.

Professional Certifications

1. Certified Internal Quality Management Instructor (Certificate No. 100627) | Chi Mei Optoelectronics Corp.
2. Certificate of Qualification in Accounting Skills (No. Shi-14-744034) | Commercial Vocational Education Society of the R.O.C.
3. Six Sigma Green Belt | Chinese Society for Quality (CSQ)

Professional Experience

1. SCIENTIFIC FORMOSA INC. , Taiwan | AI / BI Consultant Feb 2022 – Aug 2025
2. TECO Electric & Machinery Co., Ltd. / Zentel Electronics Corp., Chungli, Taiwan | Special Assistant to the General Manager / Special Assistant to Executive Management Jun 2017 – Nov 2020
3. Innolux Corporation | Head of Industrial Engineering Department / Assistant Manager of Automation Department Sep 2010 – Jun 2017
4. Selected Companies: MICROELECTRONICS TECHNOLOGY, INC., AU Optronics, and Others. Sep 1998 – Jun 2005

Entrusted Practical Projects

1. Project: "Detection and Application of Gastric Lesions Using Artificial Intelligence Deep Learning" o Funding Body: Pingtung Veterans General Hospital (Kaohsiung VGH IRB Ref No: KSVGH25-CT5-01) | 2024 – 2026 o Role: Co-Investigator
2. Project: "Using Artificial Intelligence Deep Learning to Assist in Predicting Uroflowmetry Interpretations" o Funding Body: Kaohsiung Chang Gung Memorial Hospital (IRB Ref No: 202401134B0) | 2024 – 2025 o Role: Co-Investigator
3. Project: "Detection and Application of Gastric Lesions Using Artificial Intelligence Deep Learning" o Funding Body: Pingtung Veterans General Hospital (Kaohsiung VGH IRB Ref No: KSVGH25-CT5-01) | 2024 – 2026 o Role: Co-Investigator