CINDY DAYOUN CHUNG

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EDUCATION

University of Illinois Urbana-Champaign   **Champaign, IL**
M.S. in Information Management, GPA: 3.93/4.0   *Expected May 2026*
- Relevant Coursework: Data Mining, Text Mining, Data Warehousing and BI, Information Modeling, Database Design Prototyping, Data Visualization, Sociotechnical Info Systems

Sookmyung Women's University   **Seoul, Korea**
B.A. in Japanese Studies, Bachelor of Business Administration, GPA: 3.69/4.0   *August 2019*

PROFESSIONAL EXPERIENCE

CJ Foods, Bibigo Brand (Cheiljedang)   **Seoul, Korea**
Human Resources Specialist   *March 2021 – March 2023*
- Managed SAP HR ERP training data for 8,000 employees, ensuring data accuracy, system integrity, and optimized reporting
- Designed and integrated an automated training management system into LMS, resulting in a 25% improvement in data tracking efficiency for 300 trainees
- Led cross-functional collaboration to implement a Python-based sales analytics training program for 100 senior sales staff, driving a 20% increase in holiday gift set sales by improving data-driven decision-making using internal sales big data

Recruitment Project Specialist   *June 2020 – March 2021*
- Streamlined HRIS database operations by processing 10,000+ candidate records and developing automated Excel-based reporting workflows
- Collaborated with system developers to assist in building an AI-based job application screening system, reducing application review time and panel workload by 50% through automation

CJ Foods (Cheiljedang)   **Incheon, Korea**
Human Resources Management Specialist   *July 2019 – June 2020*
- Evaluated monthly workforce productivity on HRIS and Excel; calculated/adjusted staffing and work hours per product process unit, reducing labor costs by 10%
- Conducted people analytics for a 300-member factory workforce on age, seniority levels, talent, and positions, and designed and implemented five-stage programs based on the results; received the Excellence Award from the CPO for enhancing team morale

PROJECTS

Health & AI-Driven Decision-Making Analysis (ACTION Lab)   *January 2025 – Present*
- Applied linear mixed-effects models (LMM/GLMM) in R (lme4, lmerTest) to evaluate decision accuracy and reaction times across 1,000+ healthcare-related experimental trials
- Built data pipelines for health behavior datasets: merged and cleaned multi-sheet Excel files, recoded categorical features, and applied outlier detection (3 SD rule) for modeling integrity
- Generated statistical insights and visualizations (distribution trends, error-bar plots, ICC) to assess accuracy, behavioral variability, and data reliability

RecruitPro App – Database Design & HR Analytics System   *January 2025 – May 2025*
- Designed and implemented a centralized recruitment management database to optimize hiring workflows for enterprise-level HR departments
- Developed SQL queries to generate HR reports such as departmental headcounts, staffing gaps, and hiring pipeline tracking, supporting strategic workforce planning
- Prototyped a front-end dashboard interface for recruiters and hiring managers, enabling real-time tracking of candidates, interview scheduling, and offer management

Interactive Dashboard for Reddit Engagement Analysis   *August 2024 – December 2024*
- Designed and deployed an interactive dashboard (HuggingFace Spaces) to visualize Reddit post engagement patterns across time, sentiment, and author activity
- Built dynamic visualizations (scatter plots, bubble charts, word clouds, temporal trends) in Python to uncover factors influencing post popularity and community interactions

SKILLS

Programming: Python, SQL, R; **Tools**: Tableau, Power BI, Excel, SAP, Oracle; **Productivity**: MS Office