

MINJU (Kimmy) KIM

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Analytical problem-solver transforming complex data into actionable insights through data modeling, visualization, and cloud-based ML systems.
Experienced in designing interpretable, human-centered AI pipelines for prediction, personalization, and learning analytics.

SKILLS

- **Programming & Analysis:** Python, R, SQL, ETL, A/B Testing, Statistical Modeling
- **Visualization & BI:** Power BI, Tableau, Excel, Dashboard Development, Lucidchart, Figma, Miro
- **Cloud & ML:** Azure ML, Azure AI, Cloud ML Pipelines, SaaS/PaaS/IaaS
- **Database:** SQL, MongoDB, ERD, Data Normalization (3NF), Data Warehousing
- **BI & Tools:** Reporting Automation, Process Optimization, Jupyter Notebook, Git, Microsoft Office
- **Languages:** Korean (Native), English (Fluent), Chinese - Mandarin (Conversational)

EDUCATION

University of Washington, Seattle, WA | Master of Library & Information Science Jun 2026
Daejin University, Korea | Bachelor of Library & Information Science (major) and International Studies (minor) Aug 2022

PROFESSIONAL EXPERIENCE

Student Assistant | University of Washington | Seattle, WA Sep 2024 – Present

- Built an automated reservation system integrating a web form with Excel tracking, improving accuracy by 15%.
- Streamlined tracking for 200+ organizations, reducing turnaround time by 25% and enhancing decision-making.

Undergraduate Intern | National Library of Korea & National Library for Children and Young Adults | Seoul, South Korea
Apr 2021 – Sep 2021

- Analyzed youth VR engagement data (500+ participants), increasing participation by 15% through data-informed adjustments.
- Built attendance dashboards and automated collection reports, improving planning efficiency by 10%.

PROJECTS

AI for Personal Knowledge Management | Independent Research | Seattle, WA Jan 2026 – Present

- Designed an AI-supported knowledge management system analyzing student-generated text to surface learning patterns and meaning-making processes.
- Built a prototype pipeline integrating text summarization, topic extraction, and temporal visualization to support human interpretation rather than automated judgment.

Ad Click Prediction Using Cloud-Based ML | Coursework Project | Seattle, WA Mar 2025 – Jun 2025

- Built a real-time ad click prediction pipeline using Azure ML, emphasizing model performance monitoring and experiment-driven optimization.
- Designed cloud architecture with A/B testing, improving prediction accuracy by 12%.

Online Shopping Retail Database Development | Coursework Project | Seattle, WA Jan 2025 – Mar 2025

- Designed and implemented normalized SQL databases (3NF) for eCommerce analytics, improving query performance by 30% through indexing optimization.

Analyzing Netflix's Recommendation System | Coursework Project | Seattle, WA Jan 2025 – Mar 2025

- Analyzed recommendation system logic and user interaction data, identifying personalization bias, interpretability gaps, and retention risks.

ADDITIONAL EXPERIENCE

Korean Graduate Student Association Secretary | University of Washington | Seattle, WA Sep 2024 – Sep 2025

- Managed budget and communications for the Korean Graduate Student Association, increasing event participation by 30% through survey-driven promotion.

Reader/Grader | University of Washington | Seattle, WA Jan 2026 – Mar 2026

- Evaluate SQL exercises, ERD diagrams, normalization tasks, and database design assignments, providing clear written feedback to support student learning.
- Collaborate with the instructor to refine grading guidelines and maintain an efficient, well-organized assessment workflow.