

Jinmi Yang

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PROFESSIONAL EXPERIENCE

KT NASMEDIA, AI TECH LAB DATA SCIENCE TEAM,

Data Analyst | IT Planner | Product Owner (PO) | Project Leader (PL)

South Korea, Seoul

November 2021–Present

- Unified and standardized data from 6 separate teams, establishing a data governance system, and constructed a Hadoop-based big data analysis platform, reducing data retrieval and verification time by approximately 98%.
- Analyzed customer advertising data using ML/DL techniques, co-developed 11 new business models based on previously unidentified user information such as gender, age, marriage interest, presence of children, interests, residence, primary activity location, shopping index, etc., resulting in the filing of 4 technology patents.
- As the Product Owner of the big data analysis platform, led the planning initiative, designed user-friendly UI/UX, and conducted precise service planning incorporating user requirements and competitive edge. Studied frontend and facilitated web development communications, successfully launching the big data analysis platform web service within two months, increasing operational profit by eliminating 10% service fees.
- Collaborated in the development of AI models such as Auction Win Rate Prediction AI and Fraud Traffic Prediction AI, executed PoCs, and achieved a 34% increase in media sales efficiency, earning the TAG Brand Safety certification.

POSTECH INSTITUTE OF ARTIFICIAL INTELLIGENCE,

Data Science Research Intern

South Korea, Pohang

August 2021–October 2021

- Contributed to over 50% of an OCR research project that recognized and classified ancient Korean and Chinese characters.
- Employed various Real-time detection models such as YOLOv5, CenterNet, and HRCenterNet, achieving an accuracy rate of 89%.
- Utilized several Classification models including ResNet101, ResNet50, and EfficientNet V2, attaining a model accuracy of 95%.

TECHNICAL COMPETENCIES

- Programming Language : Python, SQL, R, html, Javascript, CSS
- Databases & Big Data Technologies : MySQL, Hive, Trino, Hadoop
- Operating Systems : Windows, Mac OS, Linux
- Others : Git, Figma, MS Word, Excel, PowerPoint, Outlook, Jira, Confluence, Slack, Notion

ACADEMIC & PROFESSIONAL ACHIEVEMENTS

THE CATHOLIC UNIVERSITY OF KOREA

Bachelor of Science in Mathematics and Big Data Humanities Management,

South Korea, Gyeonggi

Mar 2015 - Feb 2022

DATA SCIENCE BIG DATA ANALYSIS PROGRAM

KMR | Gwanak Gu

South Korea, Seoul

Mar 2021 - May 2021

POSCO AI BIG DATA ACADEMY

POSTECH | POSCO group university

South Korea, Pohang

Apr 2021 - Jul 2021

HYUNDAI MOBILITY CLASS: AUTONOMOUS DRIVING

Hyundai Motor Company | Hyundai NGV

South Korea, Seoul

Jan 2022 - Apr 2022