Jisung Jung

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Skilled machine learning engineer with a strong background in data analysis and business intelligence. Successfully applied machine learning techniques to improve user experience, quality, and data management processes in semiconductor and financial industries. Seeking a role where I can utilize my expertise in ML to contribute to innovative AI-based projects.

Professional Experience _____

KYUNGPO CNC | Hanam-si, Gyeonggi-do, South Korea   Apr 2022 – Present
Machine Learning Engineer, AI-based Corporate Finance Platform Construction at KDB Bank Project
- Migrated ML Build, Train, and Deploy workloads to Cloudera Data Platform and Samsung Brightics AI Analytics Platform, promoting ML scaling up as need and demand increases, flexible use of Hadoop storage for the distributed data processing.
- Established 4 discrete batch data ingestions process using Apache NiFi (ETL tool) for periodic updates on the Hive & Kudu data tables where curated features are stored, accelerating that up-to-date data is easily available on the platform.
- Deployed 2 financial ML Models served by Kubernetes with Brightics deployment tool, allowing handy deployment without losing any of an app's functions or performance.

EHCORE | Seongnam-si, Gyeonggi-do, South Korea   Oct 2021 – Dec 2021
Business Data Analyst, Continuous Improvement on Analytical and Intelligent Environment of SK Hynix EQMS Project
- Clarified project goals and objectives to enhance analytical capabilities and AI power for EQMS (Equipment & components Quality Management System) in SK Hynix semiconductor company, establishing project roadmap for 2 years.
- Created integrity verification process of CoA (Certification of Analysis) data by interpreting process control charts.
- Devised the What-if analysis simulator for semiconductor production parts to adjust its specification based on data.
- Evaluated 5 data mining methodologies appropriate for business objective and translated data mining process map of CRISP-DM into Korean.

LOFT SCIENCE LLC | Santa Clara, CA, United States   Jul 2021 – Nov 2021
Head of Product Management, Trippian Mobile App Development Project
- Collaborated directly with founder and led multiple strategic initiatives (Vision, Metrics, Business Model, Organization Alignments).
- Designed travel inspiration mobile app Trippian and drew up go-to-market strategy from ideation to launch, becoming part of Stanford Lead Incubator and Startup Accelerator 2022.
- Merged UX research and online travel industry market analysis into the business model canvas to differentiate from incumbents.

DL E&C CO., LTD | Seoul, South Korea
Product Manager, Plant Engineering & Construction Best Practice DB Project   Feb 2018 – Jun 2018
- Organized issue resolution meetings to clarify software development requirements, resolving conflicting interests among customer representatives.
- Revised inconsistent UI designs and unaligned visual elements, conveying smooth transition between pages.
- Improved quality of data by checking and adjusting 150 incorrect records of data verifying with project representatives.

Product Manager, Ensemble EDMS Renewal Project   Jul 2017 – Apr 2018
- Planned project dashboard that can check functional outcomes of drawings/specifications on a weekly and daily basis.
- Proposed and built seamless workflows to eliminate system's simple repetitive tasks that made technicians / engineers inconveniences from old system.
- Built eSignature function which can stop manual signature task that has caused bottlenecks in business units and conducted scenario tests that can be appropriate to various situations, accomplishing transition to paperless smart office.

Project IT Manager, Plant BPI Team   Oct 2014 – Oct 2018
- Conducted training on field IT systems for local employees in Middle East, Southeast Asia, and Russia countries.
- Cooperated in bidding for more than 30 construction projects and submitted competitive quotation price, contributing to obtain large plant project contracts and reducing indirect costs.
- Recycled IT infrastructure equipment and S/W licenses gathering from completion projects, reducing the IT budget.
- Revised IT data and security management standards, meeting strict project management standards for business owners.

Project Data Management Specialist, BASF China Chongqing MDI Project   Dec 2011 – Sep 2014
- Prepared a weekly progress report with Excel using log data of official document receipt recorded in database, then used it as evidence to expedite data deliverables to vendors.

- Achieved data integrity and increased MAU(Monthly Active User) through debugging system functions and modification of missing data.
- Integrated electronic document management systems separated by head office and sites and optimized duplicate web pages at request of functional managers.

Area 4 Lead Document Control, China BASF-YPC IPS Phase II Project   Feb 2009 – Dec 2011
- Set up and stabilized Documentum software faster than planned schedule in response to sudden system change.
- Established a new technical document check process and approval procedure, shortening review cycle from 20 to 10 days.

Project Administrator, Ibn Zahr Utilities & Offsite Project   Nov 2006 – Feb 2009
- Removed inconsistencies between hardcopy and e-file information by requesting vendors to resubmit, carrying out construction with precise, latest version drawings.
- Created email templates for correspondences between overseas suppliers and head office then asked overseas suppliers to force to use it, data registration time has been shortened by an average of 5 minutes.

Education_____

HULT INTERNATIONAL BUSINESS SCHOOL | San Francisco, CA
Master of Science in Business Analytics (MsBA)   May 2021
- Dean's List (GPA: 3.70)
- Led 10 business analytics projects made by Python, R, SQL, Tableau and Excel
  (Refer to portfolio: https://marvin-jung.github.io)

Master of Business Administration (MBA)   Aug 2020
- Peer Recognition Award for the Above & Beyond
- Member of Emerging Technology Club

KYUNGHEE UNIVERSITY | Yongin-si, Gyeonggi-do, South Korea
Bachelor of Global Management and Finance   Feb 2007
- Received merit-based scholarship for outstanding academic performance (2005)
- Member of Tech Savvy Land Club

Skills and Certifications_____

Certification: Google Professional Machine Learning Engineer, Data Analyst with SQL (Datacamp), Google Analytics for Power Users
Technical Skills: Python, R, SQL, Tableau, Hive, Impala, Spark, NiFi, Docker, Kubernetes, Git, Linux, Figma, MS Office
Language: Native Korean and Fluent in English (lived in San Francisco for 2.5 years)

Activities & Interests _____

- Education program builder of PseudoLab Datacamp Data Science Fellowship (2021 - 2022)
- Avid member of Google Korea Developers Machine Learning Bootcamp (2021)
- International traveler: Traveled to 11 nations to understand foreign cultures, resided China for 5 years and California 2.5 years