**Jisung Jung**

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*Performing big data analysis, machine learning, and business intelligence skills with a good track record of multiple years in product / IT / data management services over semiconductor, plant engineering, and construction sector.*

**Professional Experience**

**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**, Internship

* 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 |** Seoul, South Korea Feb 2018 – Jun 2018

* Organized issue resolution meetings to coordinate software development requirements, resolving conflicting interests among customer representatives.
* Reinforced data filtering functions and simplified complex screen composition, eliminating potential technical obstacles for developer, and increasing efficiency of customer work.
* Improved quality of data by checking and correcting 150 mismatch record of data against cardinal principles.

**Product Manager, Plant Project Collaboration System (Ensemble) Renewal Project |** Seoul, South Korea Feb 2018 – Jun 2018

* Proposed and built automation functions to eliminate system’s simple repetitive tasks that made technicians / engineers inconveniences from old system, increasing user satisfaction by 15%.
* Built eSignature function and process that can stop written signature that has caused bottlenecks in business units and conducted scenario tests that can respond to various situations, accomplishing transition to paperless smart office.
* Planned project dashboard that can check functional performance of issuing drawings/specifications on a weekly and daily basis, and involved in completing software development, reducing rate of submitting delay by 5%.
* Qualified interface logic between external and internal systems and enforced user access rights, automatically sharing issuance log of bid evaluations and material purchase orders and distribution log across suppliers to the eProcurement system day by day.

**Project IT Manager**, Plant Business Process Innovation Team Oct 2014 – Oct 2018

* Formulated IT implementation plans and offered technical support for 6 domestic and 18 overseas construction projects for 4 yrs.
* Revised IT data and security management standards, meeting strict project management standards for business owners.
* Cooperated in bidding for more than 50 construction projects and submitted competitive budget estimates data, contributing to win large plant project contracts and reduce indirect costs.
* Recycled IT infrastructure equipment and S/W licenses under completion projects, reducing the IT budget by $120k.
* Conducted training on field IT system for about 60 local employees in Middle East, Southeast Asia, and Russia countries.

**Project Data Management Specialist, BASF Chongqing MDI Project |** Shanghai & Chongqing, China Dec 2011 – Sep 2014

* Integrated data storage spaces separated by head office and sites and optimized duplicate web page layouts at request of middle managers, saving 18% of data space and savings $50,000 cost.
* Achieved data integrity and increased MAU(Monthly Active User) by 20% through SQL script debugging and correction of missing data causes data distortion.
* Prepared a key performance indicator report with Excel using log data of official document receipt recorded in DB, then used it as evidence to officially urge follow-up measures in case of delays in design performance or delays in material delivery.

**Area 4 Lead Document Control, BASF-YPC IPS Phase II Project |** Xi’an & Nanjing, China Feb 2009 – Dec 2011

* Set up and stabilized Documentum solution faster than planned schedule in response to sudden system change and converted to a tree structure users can intuitively identify latest technical documents, making it easier to review data among departments and achieving data centralization.
* Established a new technical document check process and approval procedure engineers can change review and approval of business owner judging from characteristics of technical document, shortening review cycle from 20 to 10 days.
* Resolved interferences of plant process interface by collecting site’s nearby underground electrical/piping design data stored from other area companies' system in collaboration with data managers from other consortium companies.

**Project Administrator, Ibn Zahr Utilities & Offsite Project** **|** Seoul, South Korea Nov 2006 – Feb 2009

* Removed inconsistencies between hardcopy and e-file in manufacturer's drawing by requesting vendors to revise, carrying out construction with latest version of drawing and completing it earlier than scheduled completion date.
* Created email templates for correspondences between overseas suppliers and head office then asked overseas suppliers to force to use it, facilitating external email classification process, and data registration time has been shortened by average 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 analytical projects used by Python, R, SQL, Tableau and Excel spreadsheet (Refer to portfolio: <https://marvin-jung.github.io>)

**Master of Business Administration (MBA)** Aug 2020

* Peer Recognition Award for the Above & Beyond
* Member, 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, COMNA Club: organized several team-bonding activities annually, achieving 95% participation

**Skills and Certifications**

**Certification:**  Google Professional Machine Learning Engineer, Data Analyst with SQL (Datacamp), Google Analytics for Power Users

**Technical Skills:** Proficient in Python, R, SQL, Tableau, Figma, Tensorflow. Expert in Excel, Powerpoint, HTML5, Markdown

**Language:** Native Korean and Fluent in English (lived in San Francisco for 2 years)

**Activities & Interests**

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