

Junwoo Jang, MSc



Eligible to Work in the U.S. Permanently / 5+ years of experience

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EDUCATION

University of Colorado Boulder, Boulder, CO

August 2022 – May 2024

Master of Science in Computer Science (Interest: Product Management & Data Science/ML)

GPA: 3.82

Texas Tech University, Lubbock, TX

August 2019 – May 2022

Bachelor of Science in Computer Science and Minor in Mathematics

GPA: 3.57

SKILLS SUMMARY

- **Programming Languages:** Python, SQL, R, C, C++, C#, PowerShell, Java, JavaScript, Scala, Ruby, MATLAB, Shell Script (Bash), Assembly, Verilog, and Visual Basic & httpfox.
- **Technical Skills&Projects(Technical Leadership):** Product Management, Product Roadmap/Development, Product Marketing/Promotion, Business Planning, Budget Planning, Agile Development, Daily Scrum, Sprint Planning, Jira/Asana, Mixpanel, Figma, SaaS, Machine Learning Algorithms, Big Data Analytics(AWS S3/Kinesis/Lambda,MongoDB, Apache Hive/Spark), DevOps, Github Actions&Git Commands, Unix/Linux, HTML/CSS/PHP, UI/UX, QA.
- **Languages:** Bilingual in English and Korean.

EXPERIENCE

BellEat, Boulder, Colorado

August 2023 – Current

Product Manager

- Led the development of product strategy and roadmaps to ensure company goals and product requirements, and Conducted market analysis for market trends and empathy interviews for customer needs/user-research to set product direction and priorities.
- Managed the product lifecycle using Jira to ensure product delivery timeline, from early stage to release, Continued monitoring product performance based on test cases, and Led cross-functional teams including engineering, marketing, sales, and design.
- Designed Lean Canvas (key metrics, unique value proposition, revenue streams), Use Cases, Prototype MVP (wireframe) using Figma and Product Backlog (User Story, MoSCoW rating), and Set up Go-To-Market Strategy and monetization (B2B2C).

Motorola Solutions, Westminster, Colorado

May – August 2023

Software Management/Data Science Intern

- Reviewed software requirements and code to meet the timeline, cost constraints, and quality standards, and Deep understanding of Decision-Making during the development, CI/CD pipeline, Daily Deployment&Smoke Testing, and Automation Process.
- Visualized data from Microsoft cloud-based SQL database (Microsoft Azure) with Power BI/Tableau, presenting performance of PremierOneCAD with 99 percentile for data summary to stakeholders, and Analyzed highly complex data patterns (Data Mining).
- Collected large-scale datasets, Cleaned out the bad data for database maintenance/database management, and Fine-tuned the databases structures by rearranging the 1:1, 1:N, N:M relationship between the database tables for balanced data integration.
- Collaborated with Software Engineers and Managers (cross-functional) to improve system performance and Streamlined the processing workflows for data access by optimizing SQL queries for Computer Aided Dispatch, Mobile, and Records systems.

Data Science with Statistics and Probability, University of Colorado Boulder

August – December 2022

Teaching Assistant

- Conducted comprehensive assessments of assignments and exams, and provided constructive feedback, fostering student growth and excellence in Data Science Skills (Statistical Computing/Methods,Matplotlib[Data Visualization],LaTeX,Jupyter Notebooks).
- Collaborated closely with instructors to establish grading rubrics and assessment guidelines to ensure consistency of evaluations.

Data Science Research, Texas Tech University

May 2021 – May 2022

Research Assistant

- Conducted Research on linear/data regression, frequency concepts, set builder syntax, semantics, annotation application (logic-based-AI-statics concepts), collaborating with Professor, and transcribed CStats for evaluation (peer-review for publication).
- Fine-tuned (model training&model evaluation) and Evaluated machine learning models by utilizing industry-standard libraries (scikit-learn,TensorFlow,NumPy,pandas,PyTorch) & Oracle Database to conduct extensive hyperparameter optimization.
- Implemented data-centric methodologies and Managed model assessment procedures, by referring performance metrics such as accuracy, efficiency, precision, recall, and F1-score, to measure model effectiveness.
- Refined large-scale complex datasets through data cleaning, data preprocessing, data transformation, and Performed experiments, via statistical hypothesis and inference test, through accurate data collection/data gathering and quantitative analysis methods.

Frime's Marketing

December 2011 – February 2015

Product Owner/Software Engineer

- Led/Managed agile development team to deliver projects ensuring timeline, business objectives, communicating updates/progress, Architected scalable code structures for backend, and Solved debugging issues with 100+ software testings (problem-solving).
- Achieved remarkable surge of the members for startup website through strategic technique, surpassing 20,000 new members within a single week (fast-paced), and elevated the website's ranking significantly, increasing its visibility on top search results.
- Developed marketing programs tailored to the preference of startup owners, Facilitated complimentary versions of softwares within the startup community, and Fixed bugs/issues for enhancement and output.