

Sungjin Choi

Data Scientist & Machine Learning Researcher

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EDUCATION

M.S. in Applied Statistics & Data Science, University of California, Los Angeles (UCLA)

Sep 2024 - present

- GPA: 4.0 / 4.0

B.S. in Data Science, University of California, San Diego (UCSD)

Sep 2017 - Mar 2024

- GPA: 3.56 / 4.0 (Upper Division: 3.85 / 4.0)

EXPERIENCE

Samsung Electronics, AI Model Research Intern

Jun 2025 - Aug 2025

- Researched multimodal LLM merging, raising language-benchmark scores while keeping multimodal performance above target.
- Designed layer-wise merge strategies and built a scalable safetensors merging pipeline supporting multiple models.

Kirr LLC, Founder & Chief Growth Officer

Apr 2024 - present

- Founded a lifestyle brand, built its Shopify store, and led product positioning and early-stage growth strategy.

Suntek Systems Inc., Customer Success / Data Analyst

Apr 2024 - Sep 2024

- Built Tableau dashboards from customer data, cutting reporting time by over 50% and supporting decisions.

Samsung Biologics, Market Intelligence Analyst Intern

Jun 2023 - Aug 2023

- Performed market and competitor analysis; automated recurring workflows, cutting manual effort by over 90%.

RESEARCH

mHealth Team Communication Analysis, UCLA

Mar 2025 - present

- Analyzing 30+ multi-session team discussions with NLP for sentiment, role identification, and interaction dynamics.

SLiViT: Vision Transformer with Structured Local Interaction, UCLA

May 2025 - present

- Reproduced and verified SLiViT experiments; analyzed model structure and performance on visual tasks.

PUBLICATIONS

LLM Multi-Agent Simulations of Research Teams

Under review, EMNLP 2026

- Multi-agent simulations of 5 real research teams (24K utterances) with a 4-layer fidelity framework; behaviorally grounded personas close 64% of the naive-to-human outcome gap across 5/5 teams.

SKILLS

Languages & Tools: Python, R, SQL, Git, Docker, AWS, Google Cloud, Tableau • **ML / DL:** PyTorch, TensorFlow, scikit-learn •

Focus: LLMs / NLP, deep learning, machine learning, computer vision, statistical inference