

# JIYUN KIM

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## EDUCATION

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### Minerva University

San Francisco, CA

B.S. in Computer Science (Applied CS and AI), Minor: Philosophy; (GPA: 3.73/4.0)

May 2026

- Selected from a less than 1% acceptance rate, studying in 7 different countries (#1 Most Innovative University, [WURI](#))
- Courses: Data Structures and Algorithms, Probability and Statistics, Linear Algebra, Machine Learning, Artificial Intelligence

## PROFESSIONAL EXPERIENCES

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### ASML – Full Stack Software Engineer Intern | San Diego, CA

May 2025 – Aug 2025

- Designed a Monte Carlo simulation model to predict workforce and equipment utilization, optimizing runtime from 15s to 3s
- Enhanced task completion speed by 20% by developing a web UI with designers using **HTML/CSS** and **JavaScript**
- Reduced manual configuration time by 4 hours/week by automating backend logic and minimizing user input errors with **SQL**
- Optimized customer-facing user experience through a 40% faster search function and 60% lower memory usage with **Python**

### Universidad Abierta Interamericana – Machine Learning Student Researcher | Buenos Aires, Argentina

Sep 2024 – Apr 2025

- Documented a hybrid deep learning model (CNN + LSTM + DNN) to integrate three biological data types, improving the accuracy and interpretability of a complex dataset
- [Conducted end-to-end NLP sentiment analysis](#) on 104 multilingual phone call recordings using both audio and transcription-based data to compare insights, with 76% classification accuracy after neural network tuning

### CnerG – Product Management Intern | Seoul, South Korea

June 2024 – Sep 2024

- Defined MVP requirements for an AI-driven carbon accounting SaaS, increasing enterprise client engagement by 15%
- Wrote an [IR report](#) for 7 investors and 130 clients, analyzing trading data and visualizing decarbonization market trends
- Automated data collection and visualization pipelines using Python and Flask to analyze carbon and energy data in real time

### STCLab – Global Business and Strategy Intern | Seoul, South Korea

May 2024 – June 2024

- Drove 10% market penetration by developing GTM strategies and conducting B2B SaaS market research for product launch
- Built a business model with competitive analysis and total addressable market projection for API security industry partnerships
- Assessed 25 M&A targets by analyzing industry reports and presented key advantages to the stakeholders

## PROJECTS & LEADERSHIP

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### Daewoong Pharmaceutical – AI Product Management Scholar | Berlin, Germany

Nov 2023 – Apr 2024

- Researched AI strategies at five major pharma firms and proposed service changes that lowered operating costs by 18%
- Built and tested an HR chatbot prototype that reduced employee inquiry response time by 35% during pilot testing
- Delivered presentation to senior leadership and stakeholders on AI roadmap proposals, securing approval for two new initiatives

### OnePlanet – Strategy Intern | Seoul, South Korea

June 2023 – Aug 2023

- Mapped gaming supply chain and proposed product roadmap, streamlining operations across 3 defined segments
- Saved 10+ hours/week by building an Excel dashboard, automating weekly sales KPIs, market share, and retention tracking
- Created a forecasting model analyzing repurchase rates of NFTs, boosting D1 retention by 50% with collaboration across teams

## AWARDS & SKILLS

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- 2nd Place in Google Developer Student Club Minerva Campus Hackathon (2nd/263 students)
- Technical Skills: Python (NumPy, Pandas, Scikit-learn, Matplotlib, PyTorch, Tensorflow), SQL, JavaScript, R, Flask, React
- Tools: Git/GitHub, Cursor, Claude Code, Tableau, Power BI
- Interests: [Musical production and directing](#), Sports climbing, AI Agent building, Simultaneous Interpretation (Korean-English)