

Young Min Park

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SUMMARY

Computer Science student with hands-on experience in deep learning and multimodal transformer architectures applied to embodied AI and urban dynamics prediction. Skilled in Python, PyTorch, TensorFlow and secure network infrastructure deployment across OpenBSD, FreeBSD and Ubuntu. Demonstrated ability to critically analyze data and document research outcomes. Aiming to leverage AI assurance and problem-solving skills in an AI.

EDUCATION

San Diego State University

B.S., Computer Science with Mathematics Minor

Aug 2022 - May 2026

- **Coursework:** Operating Systems, Neural Networks, Algorithms, Data Structures, Machine Learning, Unix Systems, Abstract Algebra, Applied Probability, Discrete Mathematics, Statistics

EXPERIENCE

Nordstrom

Sales Associate

May 2023 - Aug 2024

- Achieved recognition as a top 10% earner by focusing on client satisfaction, collaborating effectively with coworkers, and applying problem-solving skills
- Mastered negotiation and efficiency when working with customers to increase sales per hour, demonstrating willingness to learn new techniques

Sekeh Lab

AI Research Bootcamp

Jul 2025

- Implemented deep learning architectures including VGG/ResNet CNNs and multimodal transformers for audio-visual processing using PyTorch and Python, demonstrating strong AI/ML understanding
- Studied spatial-temporal modeling for urban dynamics prediction, analyzed imitation learning techniques on taxi GPS trajectory data with application of cybersecurity concepts to protect data pipelines
- Explored multimodal AI frameworks, including encoder-decoder architecture for integrating multiple urban signals and spatial audio denoising applications, demonstrating willingness to learn emerging architectures

PROJECTS

Boolgebra DSL

- Developed TextX parser and Python compiler to handle a custom file format, with interactive command-line input and detailed error handling
- Implemented computation libraries (SymPy) to construct and evaluate complex logical expressions

Multimodal Image Sentiment/Semantic Classifier

- Built multimodal sentiment classifier leveraging pre-trained VGG-16 and BERT-base models with fine-tuned classification heads for 3-class meme sentiment prediction
- Designed attention fusion layer to dynamically combine image and text embeddings, weighting modality contributions for improved accuracy
- Achieved performance improvements over baseline single-modality models through end-to-end training and evaluation

Multi-Platform Network and System Infrastructure

- Built a multi-platform network using OpenBSD, FreeBSD, Ubuntu, and Solaris
- Deployed key services including DNS, OpenLDAP, mail, NFS, and Docker-based web hosting (Nginx, Portainer)
- Configured secure SSH connections and implemented strong network security across virtual machines

SKILLS

- **Languages:** Python, JavaScript, C++, C#, TextX, JSON, SQL, NoSQL
- **Technologies:** TensorFlow, PyTorch, NumPy, Node.js, Kubernetes, Git, Unix, Jupyter, Pandas
- **Concepts & Professional Skills:** AI/ML Understanding, Cybersecurity Concepts, Willingness To Learn

INVOLVEMENT

Robotics Club

Aug 2018 - May 2022

- Managed relationship between club members and hardware companies for delivery on parts to maintain a competitive edge in competitions (i.e. on time delivery and lower prices)

AI Club

Jul 2025 - Present

- Developed practical AI solutions through hands-on projects in computer vision and multimodal learning
- Collaborated with peers to implement deep learning architectures for real-world applications