JINGAI HUANG

judyhuang0711@gmail.com

EDUCATION

Yonsei University, Seoul   *March 2022 - Present*
Major : Artificial Intelligence, Cognitive Science (Joint Major)

RESEARCH INTEREST

Computer Vision, Brain-inspired AI, Saliency Prediction, Computational Neuroscience

EXPERIENCE

Vision, Cognition, and Consciousness Lab   July 2024 - August 2024
Research Assistant
· Participated in group discussions on neuroscience papers
· Engaged in weekly one-on-one meetings with Prof. Chong to explore research interests related to human visual perception

Stellarvision   September 2023 - June 2024
Intern
· Fine-tuned the Segment Anything Model for ship detection in SAR drone imagery
· Created and translated market research reports for satellite and AI related companies
· Participated in weekly tech-related meetings (AWS, Satellite Image Lessons, etc.)

RELATED COURSEWORK

Computer Vision
· Participated in a Kaggle Competition for Finetuning ResNet for bird classification

Introduction to Artificial Intelligence
· Wrote a report that analyzes few shot prompting and chain of thought prompting on GSM8K dataset

Data Analysis in Cognitive Neuroscience Research
· Wrote and presented a group paper : "Player's Prefrontal Cortex Activation Through fNIRS : Near-Misses and Stop Buttons in Slot Machine"
· Conducted the experiment using PsychoPy, OBELAB, and fNIRS

Introduction to Cognitive Science
· Wrote a research proposal : "Impact of AI Generated Text on Decision Making : an EEG study"

Theory and Practice of Deep Learning
· Finetuned BERT base models for Sentiment Analysis Movie Tasks

Introduction to Multimodal Deep Learning
· Ranked top 30 percent for Kaggle Competition (Regression with an insurance data set) using LightGBM (GBDT + GOSS)

EXTRACURRICULAR ACTIVITIES

OUTTA AI Club   December 2024 - Present

· Regularly review and present research papers on 3D computer vision and medical AI
· Actively participate in coding study groups to enhance practical AI implementation skills

AI Storytelling Club   November 2024 - February 2025

· Served as a group mentor under the guidance of Prof. Hyeon D. Yeo
· Participated in weekly discussions on integrating storytelling techniques to effectively teach AI concepts
· Collaborated with students to develop interactive storytelling projects utilizing OpenAI's API

Korean Psychological Association of Universities   March 2023 - July 2023

· Read and presented various cognitive neuroscience papers in the reading group

LG Aimer   June 2023 - August 2023

· Participated in a hackathon focused on customer data analysis

Creative Platform   April 2022 - September 2022

· Contributed to the development of an application designed to help elderly users navigate essential daily apps (Utilized Glide : HelpersMap)

High School Personal Coding Projects   March 2019 - June 2021

· Documented projects and study notes on a personal coding blog (High School Coding Blog Link)

TED Translation   January 2018 - Present

· Translated over 20 TED Talks between English and Chinese (11 published).

SKILLS

Computer Languages	Python, C/C++, Pytorch
Software & Tools	Notion, Git, VSC
Languages	English, Chinese (Native), Korean (TOPIK : 6), Taiwanese