JINGAI HUANG

judyhuang0711@gmail.com

EDUCATION

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

RESEARCH INTEREST

Computer Vision, Brain-inspired AI, Saliency Prediction, Attentional Decoding

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 the professor to explore research interests.

Stellarvision September 2023 - June 2024
Research Intern

· Fine-tuned the Segment Anything Model for ship detection in SAR drone imagery
· Created 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"

EXTRACURRICULAR

AI Club November 2024 - February 2025

· Taught and mentored students AI Algorithms weekly

LG Aimer June 2023 - August 2023

· Participated in a hackathon for analyzing customer data

Cognitive Science Club March 2023- July 2023

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

Creative Platform   April 2022 - September 2022
· Contributed to develop an application that assists elderly users in navigating essential daily apps, such as maps, kiosks, and banking services

High School Personal Coding Projects   March 2019 - June 2021
· High School Coding Blog Link : http://penguin7.notion.site

TED Translation   January 2018 - Present
· Translated over 20 TED talks between English and Chinese (11 translated talks published)

SKILLS

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