

JINGAI HUANG

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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.
- Participated in experiments conducted by lab members.

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

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)