

JINGAI HUANG

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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 Light-GBM (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

Psychology Club

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)