

# JINGAI HUANG

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## EDUCATION

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**Yonsei University, Seoul**

*March 2022 - Present*

Major : Artificial Intelligence, Cognitive Science (Joint Major)

## RESEARCH INTEREST

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Computer Vision, Brain-inspired AI, Saliency Prediction

## EXPERIENCE

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**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

*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

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**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

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### OUTTA AI Club

December 2024 - Present

- Read and present AI research papers weekly
- Participated in AI Studygroup

### AI Storytelling Club

November 2024 - February 2025

- Mentored under Prof. Hyeon D. Yeo.
- Collaborated with students from NYU and Columbia University on AI-driven storytelling projects using 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, including maps, kiosks, and banking services. (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

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### Computer Languages

Python, C/C++, Pytorch

### Software & Tools

Notion, Git, VSC

### Languages

English, Mandarin (Native), Korean (TOPIK : 6)