

Sinan Xu

9175 Judicial Drive • San Diego, CA 92122 • six@ucsd.edu • 858-905-1530

SUMMARY OF QUALIFICATIONS

- Researched with massive FMRI data collected from Human Connectome Project.
- Familiar with data cleaning, model fitting and research process.
- Basic Neuroscience knowledge.
- Proficiency in Java, Python, HTML and JavaScript.

Education

UNIVERSITY OF CALIFORNIA SAN DIEGO

Bachelor in Cognitive Science. Specialize in Computational Neuroscience and Machine Learning.
GPA 4.0.

La Jolla, CA
May 2026

Experience

NEUROMATCH ACADEMY

Student in Computational Neuroscience

Remote
July 2022

- Learned Model Fitting, Data Analysis, Dynamical Systems, and Stochastic Process to do the research.
- Developed proficient python and java programming skills.
- Worked with groupmates on Google Colab.
- Researched on FMRI data from Human Connectome Project and concluded meaningful result.

University OF CALIFORNIA SAN DIEGO

Student in COGS 3

La Jolla, CA
September - December 2022

- Learned HTML, CSS, JavaScript, Microsoft Excel, and Figma.
- Implemented knowledge to develop a personal webpage.
- Collaborated with group members to create websites.

Projects

Sex Differences Behind a “Gambling Brain”

Project Leader

Remote
July 2022

- Utilized FMRI data from Human Connectome Project to do an analysis.
- Applied GLM model to do the first level analysis of finding the brain region activation.
- Constructed second level analysis to compare the activation difference between female and male subjects.
- Concluded a difference in the ventral striatum area of the brain.

Skills & Interests

Technical: Microsoft Excel, Bootstrap, HTML, Java, and Python.

Language: Fluent English, native proficiency of Mandarin, elementary proficiency of Italian.

Interests: Beatbox, Music composing and Films.