

YUN-CHEN HUNG

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SUMMARY

Eager and approachable research assistant full of curiosity and aspires to combine the worlds of statistical analysis and neuroscience. Resilient and motivated programmer who is not afraid to ask questions, tackle complex problems, or learn something new. Active, communicative team leader takes the initiative and leads group projects to success.

EDUCATION

University of California, San Diego (UCSD)

B.S. Data Science – Machine Learning and Artificial Intelligence, GPA: 3.979

B.S. Cognitive Science with a Specialization in Neuroscience

La Jolla, CA

June 2025

EXPERIENCE

Perception and Cognition Lab (Serences Lab @ UCSD)

Research Assistant

La Jolla, CA

April 2023 – Present

- Used NumPy and Pandas in Google Colaboratory for data analysis on results of visual attention research
- Scheduled and ran 50+ subjects on behavioral studies and collected consent forms, set up 2 experiments
- Presented and participated in visual working memory monthly journal club

Qualcomm Institute Nano3 Cleanroom

Lab Assistant

La Jolla, CA

January 2022 - Present

- Proficient in training 20+ Nano3 users on tools (Heidelberg MLA 150, ellipsometers and mask aligners)
- Experience in making samples for prominent companies with dry etching using the Oxford Plasmalab 80, microfabrication with the EVG 620 Mask Aligner, and thin metal deposition with Denton Discovery 635
- An efficient and careful lab assistant, completing weekly flood exposure projects for 31 samples in 3 hours

Cognitive Science Instructional Assistant @ UCSD

COGS107A (Neuroanatomy and Physiology)

La Jolla, CA

September 2023 – Present

- Regularly hold 1 hour office hours to answer questions from students, respond to queries within an hour through emails, Piazza, or Discord, help 20+ students with homework problems in discussion sections

Neuroscience Program of Academia Sinica (NPAS)

Summer Intern - Tung Lab

Taipei, Taiwan

July 2022 – August 2022

- Observed the migration and differentiation of neuroblastoma under an oxygen gradient for 8 weeks
- Voluntarily made and presented 8 comprehensive weekly lab reports via PowerPoint to Dr. Yi-Chung Tung
- Shared the results of the research in a 10-minute presentation to 30+ interns and researchers of NPAS

SKILLS

- **Programming Skills:**
 - **Proficient:** Python (NumPy, Pandas) | Java | R
 - **Competent:** MATLAB | C++ | HTML | CSS | JavaScript | Scikit-Learn | Regex
- **Languages:**
 - Mandarin – Native Proficiency
 - English – C1 Certified
- **Microsoft Office:** Word | PowerPoint | Excel
- **Google Suite:** Google Document | Google Sheets | Google Forms
- **Cell Culture:** Cell Passaging | Live/ Dead stains | Use of Centrifuge | ImageJ