





# Yun-Chen Hung

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 [yunchen.hung@gmail.com](mailto:yunchen.hung@gmail.com)

## EDUCATION

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**University of California, San Diego**

June 2025

*B.S. Data Science & B.S. Cognitive Science w/ Specialization in Neuroscience*

*Current GPA: 3.95/4.0*

## COURSEWORK

**Courses:** Object-Oriented Programming, Data Structures & Algorithms, Linear Algebra, Calculus, Probability & Statistics, Machine Learning, Neuroanatomy and Physiology, Interaction Design

**Awards:** Provost Honors (7x)

## SKILLS

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**Programming Languages:** Python, HTML/CSS,  $\text{\LaTeX}$ , R, MATLAB, SQL, Java, C++, JavaScript, Svelte

**Tools:** Git/GitHub, VS Code, IntelliJ

**Libraries:** pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn

**Certifications:** Collaborative Institutional Training Initiative (CITI) – Social & Behavioral Research

**Microsoft Office applications:** Word, Excel, PowerPoint

**Languages:** Mandarin (native speaker), English (fluent)

## EXPERIENCE

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**Halicioğlu Data Science Institute** | *Academic Tutor*

Apr. 2024 – Present

- Tutor for DSC40B (Theoretical Foundations of Data Science II)
- Responsible for holding 2-hour weekly office hours for a class of 100+ students of all majors
- Grade assignments, develop new homework problems, work with other tutors on OverLeaf

**Kiyonaga Lab** | *Research Assistant*

Mar. 2024 – Present

- Scheduling and running experiments with Psychopy, help analyze data with Python (NumPy, Pandas) on GitHub
- Attend weekly lab meetings, read empirical and review papers on visual working memory

**Perception and Cognition Lab (Serences Lab @ UCSD)** | *Research Assistant*

Apr. 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 data, set up 2 experiments
- Presented and participated in visual working memory monthly journal club

**Qualcomm Institute Nano3 Cleanroom** | *Lab Assistant*

Jan. 2022 – Jan 2024

- Proficient in training 30+ 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 independent lab assistant, completing weekly flood exposure projects for 31 samples in 3 hours

**Neuroscience Program of Academia Sinica (NPAS)** | *Summer Intern*

Jul. 2022 – Aug. 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