

Ashley Chu

B.S. Cognitive Science Machine Learning + Data Science minor @ UC San Diego

EXPERIENCE

onsemi — Data Science Intern

JULY 2024 - AUGUST 2024

Created Tableau dashboards to monitor procurement spend and savings data. Worked with team and stakeholders to define information requirements, create and improve an automated change log for savings data. Redesigned existing product mapping dashboards to improve user experience. Developed and modified custom SQL scripts to shorten load time and increase performance.

UCSD — Sixth College Residential Assistant

AUGUST 2022 - JUNE 2024

Built a welcoming residential community for 60 students. [Mentored and led an RA team of 50](#) responsible for the wellbeing of over 2,000 Sixth College residents. Responded to emergencies and ensured safety of the community. Design marketing materials for weekly programs and plan, do outreach and execute college-wide events ([annual Latinx heritage celebration Adelante](#)).

UCLA Medicine — Research Intern

JUNE 2022 - OCTOBER 2022

Developed a dynamic dashboard and presentation interface for patient education to dispel stigma surrounding statin medication use. Designed and coded a dynamic clinical decision aid to represent medical trial data using Javascript and HTML. Conducted user interviews and made multiple prototypes for usability testing.

San Diego Supercomputer Center — Network Program Analyst

JUNE 2022 - AUGUST 2022

Wrote Python scripts to scrape data from the web and create a database of known BGP communities with post-doc Thomas Krenc.

Winkielman Lab, UCSD — Research Assistant

APRIL 2021 - JUNE 2021

Analyzed data from public posts on Reddit to assess the mental health of select demographics. Encoded Reddit posts to determine how to characterize and predict loneliness. Visualized and analyzed data using statistical methods.

Vinaj: Telosity Team — Intern

JUNE 2019 - AUGUST 2019

Researched hundreds of mental health tech startups. Conducted focus group user interviews and user surveys. Made and presented competitive analysis reports for clients.

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github.com/ashleyychu

SKILLS + PROJECTS

Python, Java, C++

[Data analytics](#) (R, SQL, Tableau, Matlab)

[User research, interviewing + survey design](#)

[Figma](#) (wireframing, prototyping, [UX design](#))

[Deep learning \(PyTorch\)](#)

Adobe Illustrator, Indesign and Photoshop

COURSEWORK

DSC 10, DSC 20, DSC 30, DSC 80, DSC 40A, DSC 40B, CSE 11, CSE 12, CSE 15L, CSE 20, CSE 100R, CSE 110, MATH 189, MATH 180A, MATH 18, Data Structures and Object-Oriented Design, Software Engineering, Data Analysis and Inference, Deep Learning and Neural Networks, COGS 108, COGS 118A, COGS 118B, COGS 150

EXTRACURRICULARS

Cabinet member and PR lead of UCSD Women's Rugby

[Creative writing](#) teacher at XL Academy

LANGUAGES

English, Mandarin, Spanish

HOBBIES

Cooking, reading, writing