

# YAWEN XUE

Hanover, NH · (510) 598-7196 · Yawen.Xue.26@Dartmouth.edu

## EDUCATION

**Dartmouth College**, Hanover, NH

Sep. 2022 - Jun. 2026

B.A. in Cognitive Science & Computer Science

GPA 3.86/4

Relevant Coursework:

- COSC 10: Problem Solving via Object-Oriented Programming
- COSC 25.01: Intro to UI/UX Design I
- COSC 31: Algorithms
- COSC 76 / COGS 44: Artificial Intelligence
- LING 11.20 / COGS 50.07: Aphasiology & the Neurobiology of Language

## PROFESSIONAL EXPERIENCE

**Dartmouth College**, Hanover, NH

Teaching Assistant for COSC 1 (Introduction to Programming & Computation)

Jan. 2023 - Mar. 2023

- Assisted in teaching the fundamentals of computer science, providing support to students in understanding key concepts and problem-solving techniques.
- Met with students one-on-one to ensure conceptual understanding.

Teaching Assistant for COSC 67 (Human-Computer Interaction)

Sep. 2023 - Nov. 2023

- Guided students teams in prototyping and experimental design various HCI projects, emphasizing user experience and interaction principles.

**DALI Lab**, Hanover, NH

Mar. 2023 - present

UI/UX Designer & Mentor

- Collaborated in small teams under tight deadlines to create intuitive mobile and web app interfaces for various clients.
- Used Figma to create comprehensive component libraries and prototypes.
- Facilitated efficient design iterations and client feedback processes.
- Provided mentorship to newer members; guided them through the user research process and scoping features for projects.

Graphic Designer

- Created eye-catching, brand-consistent posters, flyers, and signage for internal events.
- Conducted user research and industry research to inform the DALI Lab's image and branding strategies, contributing to the enhancement of its visual identity.

**The Stanford Daily**, Palo Alto, CA

Jun. 2019 - Aug 2019

Journalist Intern

- Interned as a journalist, conducting interviews and writing opinion pieces and local news articles.

## LEADERSHIP

**Phoenix Art & Literary Magazine**, Fremont, CA

Sep. 2018 - Jun. 2022

Editor-In-Chief

- Led a team of editors in curating, printing, and selling an annual magazine showcasing student works from Mission San Jose High School.
- Organized community socials and open mics to promote the magazine and foster a supportive creative environment.

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## RESEARCH

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**Dartmouth Cognitive Neuroscience of Learning Lab**, Hanover, NH

*Jul. 2023 - present*

*Researcher*

- Collaborated with graduate researchers in the Cognitive Neuroscience Lab of Learning to design experimental procedures investigating cognitive processes in STEM learning.
- Developed experimental stimuli using PsychoPy for utilization in fMRI scans.
- Conducted data analysis on experimental results.

## AWARDS

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**Neukom Institute for Computational Science @ Dartmouth College**

*Jun. 2023*

*Neukom Scholar*

- This program funds undergraduate students engaged in faculty-advised research in the development and application of computational methods to problem-solving in interdisciplinary fields

## SKILLS & INTERESTS

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**Computer & Technical:** Python, Java, C, HTML, CSS, JavaScript, Adobe Suite, Figma

**Languages:** Mandarin (proficient), Spanish (intermediate), German (intermediate)

**Additional Interests:** illustration, design, creative writing