

Yilan Liu
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EDUCATION

The University of Chicago

Bachelor's of Science in Mathematics, Computer Science

Florida Atlantic University

Chicago, IL
Expected Jun 2023
Boca Raton, FL
Aug 2019 - Aug 2021

RESEARCH

Undergraduate Research Assistant

Lu Lab, Charles E. Schmidt College of Medicine (FL)

Primary objective was to study the effect of PAK6 on the genesis of cilia, and by extension, the structure and functioning of the cancerous cell; utilize CellProfiler pipeline/ImageJ for cilia analysis; mentored under Dr. Michael Lu.

Jan 2020 - Dec 2020

Summer Research Intern

Fortune Lab, Devers Eye Institute (OR)

Utilized ATL OCT Editor to examine optical coherence tomography (OCT) scans of the macula, segmenting the retinal layers (ILM, RNFL, IPL, INL, RPE) and marking anatomical irregularities; mentored under Dr. Brad Fortune.

Summer 2019

EXPERIENCE

Chinese University of Hong Kong (CUHK) Art Museum

Game Development Metcalf Intern, Summer 2022

- Work in a team to transform a card based game into a digitized version;
- Languages include Javascript, HTML, CSS.

Hong Kong (remote)
Jun 2022 - Sep 2022

Asian Sisters Participating in Reaching Excellence (ASPIRE)

2021 Asian American Woman In Leadership Conference Co-Director

- Co-led conference team of 15+ people;
- Established conferenced vision and theme;
- Organized outreach to speakers and workshop leads;
- Oversaw merchandise and conference logo designs.

Boston, MA (remote)
Jan 2021 - Nov 2021

East Coast Asian American Student Union (ECAASU)

2021 ECAASU Conference Programming Co-Director

- Assisted in crafting conference content;
- Conducted outreach to potential speakers and performers;
- Cross-collaborated with other internal teams in preparation for the 2021 ECAASU Conference.

NJ (remote)
Nov 2020 - May 2021

Mathnasium

Tutor

- Tutored students grades 2-12 in math.

Boca Raton, FL
Jan 2020 - Apr 2021

SKILLS

- Programming: C, C++, Javascript, Python, Racket, HTML, CSS
- Languages: Mandarin (bilingual proficiency)

HONORS & AWARDS

- Uncommon Hacks 2022: Game Design Track Winner (Team of 3)
- FAU Dean's List; awarded all semesters
- FAU President's List; awarded all semesters

- FAU Presidential Research Grant, \$3000; awarded Aug 2019
- Benacquisto Scholarship Recipient (covered full cost of attendance to FAU); awarded Aug 2019
- National Merit Finalist; awarded 2019