

# Angela Yang

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**OBJECTIVE:** Seeking Computer Science Internships

## EDUCATION

### University of California, Los Angeles (UCLA)

September 2021 - June 2025

Bachelor of Science in Neuroscience, intending to transfer into Computer Science

- GPA: 3.945;

### Venice High School

August 2017 - June 2021

- Relevant Community College Coursework: Calculus with Analytic Geometry, Statistics, General Physics
- GPA: 4.875 (Valedictorian)
- Science Bowl Captain (2 years), CyberPatriot Co-Captain (1 year)

## TECHNICAL SKILLS

- Programming languages: C++, C#, HTML/CSS, Python
- Software: Blender, Unity, Visual Studio, Git/Github

## EXPERIENCE

### UCLA Heart Failure Lab (David Geffen School of Medicine Vondrisk Lab at UCLA)

July 2019 - Aug 2019, Nov 2021 - Present

Research Intern

- Researched the epigenetics of heart failure as part of the Physiology Outreach Program.
- Initiated project conducting experiments using citric acid and EDTA chelate to induce cardiomyocyte contractions.
- Equipment Operated: mouse echocardiogram setup, centrifuge, agarose gel, lab pipette, light microscope, Langendorff Apparatus, fume hood, buffer solutions.

### Ludum Dare 49 Game Jam

October 2021

Game Jam Team Co-Lead

- Team Co-Lead for a team of freshmen and sophomores in a 72-hour game jam.
- Led development, 3D assets, UI, game art, sound design, level design.

## PROJECTS

### OrgoBot

June 2021 - Present

Creator/Game Developer

- Personal project 3D RPG-style mission-based Unity game teaching players organic chemistry synthesis.
- Utilizes: Navigation AI, C# Scripting, Inventory, UI, Scriptable Objects, Post-processing, Blender 3D modeling, rigging, and animating

### Birdbrained

November 2021 - Present

Creator/Game Developer

- Personal Project 3D Simulator game allowing players to "turn off" parts of the sprite's brain to learn neurophysiology.
- Utilizes active ragdoll physics, blender 3D modeling and rigging, rigidbody physics, C# scripting, UI.

## AWARDS

### Chevron Engineering Design Competition

- Regional 1st place (2017)
- Designed, Cost-Evaluated, Prototyped, and Marketed a 3D modeled tennis rack product.

### 2020 CyberPatriot platinum tier competitor and semifinalist

- Co-captain, specializing in Linux systems and bash commands.

### National Merit Scholarship Winner

### 2019 USA Biology Olympiad Semifinalist

- Top 10% in the nation

### 2019 Science Bowl

- 4th place Southern California Regionals

## COURSEWORK

### University of California, Los Angeles (UCLA)

Fall (2021)

- Intro to Computer Science I: A
- Calculus of Several Variables: A
- Cell and Molecular Biology: A
- Biomedical Ethics: A

Winter (2022)

- Intro to Computer Science II
- Linear Algebra and Applications
- Introduction to Discrete Structures
- Genetics, Evolution, and Ecology