

Angela Yang

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OBJECTIVE: Seeking Software Development Internships and Computer Science Research

EDUCATION

University of California, Los Angeles (UCLA)

September 2021 - June 2025

Bachelor of Science, Computer Science & Linguistics

- GPA: 3.610
- Coursework: Algorithms and Complexity, Data Structures, Software Construction, Operating Systems, Computer Architecture, Object-Oriented Programming, Programming Languages, Discrete Mathematics, Linear Algebra, Multivariable Calculus, Syntax, Phonetics

Venice High School

August 2017 - June 2021

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

Full-Stack Development, Object-Oriented Programming, Web Development, Game Development

Languages and Frameworks: C++, C, C#, Python, Javascript/Node.js, HTML/CSS, React, OCaml, Java, Prolog

Software: Blender, Unity, Visual Studio, Git/Github, LaTeX, Bash, Linux/Unix

EXPERIENCE

UCLA IT Support Center

March 2022 - Present

IT Support Analyst

- Identify and effectively assist with technological issues with an emphasis on end-user satisfaction.
- Provided a high rate of resolution for 70,000+ UCLA students and faculty.
- Demonstrated customer service skills in a wide variety of network, account management, and cybersecurity issues.

David Geffen Juvenile Idiopathic Arthritis Clinic

App Developer

February 2022 - December 2022

- Sole React Native app developer for health-monitoring app for Dr. Edmund Tsui's ophthalmology clinic.
- Implemented and designed user profile, authentication, and communication services in front-end and back-end.
- Constructed client-requested features with regular feedback and communication.
- Integrated Firebase, React Native, Xcode Developer Tools, Node.js into app and workflow.

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

July 2019 - Aug 2019

Research Intern

- Researched the epigenetics of heart failure as part of the Physiology Outreach Program.
 - Designed and conducted experiments using citric acid and EDTA chelate to induce cardiomyocyte contractions.
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PROJECTS (github.com/ayang007)

DoctorAMA: (QWER Hacks Winner) 24-hour hackathon developing full-stack website to help improve LGBTQ+ access to affirming, confidential healthcare. Deployed at hellodoctorama.tech or under github doctor-ama repo.

FloraFauna: Web app collaborative project for Software Construction class written with React, Node.js, CSS, Firebase, and javascript. Ecological distribution mapping platform for identifying animal and plant sightings.

OrgoBot: Personal project 3D RPG-style mission-based Unity game teaching players organic chemistry synthesis. Written in C# with Unity game engine. Blender and Photoshop used to create assets.

Birdbrained: Personal Project 3D Simulator game allowing players to "turn off" parts of the sprite's brain to learn neurophysiology. Written in C# with Unity game engine. Blender and Photoshop used to create assets.

AWARDS

2022 Hack Kitchen Hackathon 2nd Place

- Timed team hackathon solving React, Node.js, C++, and Python esoteric programming problems.

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