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)

TECHNICAL SKILLS

Full-Stack Development, Object-Oriented Programming, Web Development, Game Development
Languages/Frameworks: C++, C, C#, Python, Javascript/Node.js, HTML, CSS, React, OCaml, Java, Prolog, Scheme
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.

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

2023 Hack on the Hill Hackathon 1st Place for Best Game
- ➢ 12-hour team hackathon building a Scikit Learn ML Model simulated in Unity 2D game environment to give feedback about user's driving and estimate if they would be prone to road rage given a set of conditions.

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