YUNFAN ZHONG

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OBJECTIVE To obtain an internship opportunity that allows me to apply my problem solving skills and further develop my abilities in the field of computer science.

EDUCATION
University of California, Los Angeles | Los Angeles, CA   Expected June 2023
Bachelor of Science, Computer Science
Selected Coursework: Programming Languages; Computer Systems Architecture; Operating System Principles; Introduction to Algorithms and Complexity; Logical Design of Digital Systems; Discrete Structures; Digital Design Laboratory | *GPA*: 3.9
Albany High School | Albany, CA   June 2019

PROJECTS
Workout Party
Mobile app to work out with friends, created using MongoDB, Express, Expo, and React Native. Coded with a team of four UCLA students, and my role was primarily backend (plus the Party Info screen).
Goober Eats
Google maps style program that calculates an optimized delivery route for delivering food, coded in C++.
Parkamon Stop
Online single-player game utilizing HTML, CSS, PHP, SQL, and Javascript.
Lights Out
JavaScript version of the popular logic game Lights Out.

ACTIVITIES
Association for Computing Machinery Cybersecurity Committee Officer   November 2019 - Present
- Research cybersecurity subtopics, such as steganography, to teach student workshops.
- Design capture the flag challenges in areas ranging from cryptography to reverse engineering.
- Write and distribute weekly newsletters on various developments in the field of cybersecurity.
- Organize and host CTF and puzzle hacking events for other students.

Society of Women Engineers Development Team   October 2019 - October 2020
- Responsible for creating a website to manage the Society of Women Engineers' many events.
- Currently developing a form to manage sign-ups for their annual Evening With Industry event.
- Created a navigation bar using React for the SWE website.

EXPERIENCE
Academic Talent Development Program, UC Berkeley   June 2015 - August 2018
Teaching Assistant Intern
- Managed a group of 6 students and troubleshot complex bugs in websites and projects.
- Taught and reinforced coding concepts in languages such as HTML, CSS, PHP, and SQL.
- Facilitated positive team relationships, and acted as a liaison between students and the instructor.

TECHNICAL SKILLS
Proficient in C++, C, Java, Python, PHP, HTML, and CSS. Intermediate knowledge of JavaScript (React and React Native), SQL, OCaml, Scheme, Prolog, and MongoDB.