ALBERT HAN

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Objective: A challenging summer intern position where I can utilize my problem-solving skills, punctuality, and communication skills to further develop my knowledge and abilities in the field of computer science and engineering.

Education:

University of California, Los Angeles   **Lynbrook High School**
B.S. Computer Science   San Jose, California
Expected Graduation: Spring 2022   August 2014 - June 2018
GPA: 3.63   Departmental GPA: 3.79

Completed relevant courses: Introduction to Computer Science I/II, Introduction to Computer Architecture, Software Construction Laboratory, Discrete Mathematics, Linear Algebra, Multivariable Calculus
Current relevant courses: Introduction to Algorithms and Complexity, Logic Design of Digital Systems, Differential Equations

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Skills:

Programming Languages: Java, C++, HTML, CSS, JavaScript, React.js, Python, C
Technical Experience with: Data Structures and Algorithms, Linux, Emacs, Regex, Bash, Shell Scripting, Git, Figma
Other skills/experience: Graphic Design, Eagle Scout (Boy Scouts of America), Proficient in Mandarin, Japanese

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Work Experiences:

iD Tech Camps, June - August 2019   **Stanford University, Palo Alto, California**
➔ created lesson plans and taught C++ and Java to high school students in an 8 hr/day intensive summer program
➔ encouraged students to think critically and learn the fundamentals of computer science
Growing Tree Learning Center, June - August 2018   **Saratoga, California**
➔ assisted teachers and faculty at a preschool while developing leadership and problem solving skills
➔ taught children Chinese, English, and Math classes throughout the day
StrongAuth , Inc, June - July 2017 (now Strongkey)   **Cupertino, California**
➔ wrote test classes to find errors in the engineers' code in Java
➔ increased knowledge of encryption and network security

Clubs and Organizations:

IDEA Hacks: UCLA's Hardware Focused Hackathon (2018 - present)
➔ Design Lead (2019 - present): responsible for leading a team of 5 to manage the social media, graphics, website design and publicization of the event. Wrote a style guide from scratch and designed main graphics for the event.
➔ Hacker (2018): worked in a team to create a project over 36 hours, advanced to the final round
Institute of Electrical and Electronic Engineers (IEEE) (2018 - present)
➔ Publicity Chair (2019-): handles promoting the club to students and off campus organizations through various forms of media, including design, photography, and social media

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Projects:

IDEA Hacks Website (2019)
➔ led a team to design the website for next year's IDEA Hacks hackathon. Created style guides and graphics and used Figma to put together elements of the website.
Silent Security (IDEA Hacks 2019)
➔ created a two-part hardware project connected via bluetooth. If one senses movement, the other vibrates uncontrollably until a fingerprint sensor shuts the vibrator off. (Arduino)
IEEE OPS Capstone (2019)
➔ built a car that navigated through a maze via controller connected by radio. The controller took values from an IMU and the wheels on the car would rotate accordingly. (Arduino, IMU, Radio, PCB Design with Eagle, Motors)