

Xinle (Eric) Song

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Education

University of California, Los Angeles | Expected May 2027

Major: Computer Engineering

Recipient of the **John Richard Leffler Scholarship** in the amount of \$3750, 2023

Shanghai YK Pao School | Aug 2020 – May 2023

IB Bilingual Diploma, GPA: 4.0/4.0

Skills

Python (proficient), **C++** (familiar), **Git** (familiar), **JavaScript**, **Java**, **PHP**, Product Management, Marketing, Finance, Photo & Video Editing

Experiences

Full-Stack Developer: Chat App, Haddee | Summer 2023, Ongoing

- **Created** a Chat App using **React**, cooperate with teammate online.
- **Responsible** for **Front-end design**, **Authentication**, **Real-time Database**.

Researcher: DSLR Image Classification, Pioneer Academics | Spring 2022 – Summer 2022

- Created own **image dataset** from Google & Naver database using crawler.
- Compared performance of InceptionV3(superior), MobileNetV2, VGG16, and EfficientNetB0 as lightweight **image classification models** for DSLR Cameras.
- Final Evaluation: **A, Excellent, Top 10%** student.

Intern: UPenn AI Curiosity Summer Camp, Beacon Education | Summer 2019, Summer 2022

- **Attended** the camp in 2019 as a student and returned in 2021 as **Teaching Assistant**.
- **As TA: Prepare** PPTs; **taught** Python & OpenCV for 20 people class. **Led** 3 mentees to complete **Hieroglyph Classification Project**.

Researcher: Active Noise Control in Ventilation Ducts, Yingcai Program | Spring 2021 – Spring 2022

- Applied **Feedback Control System** in current ANC Solutions.
- Added additional **Error Signal Microphone** to improve ANC performance from **4.7dB to 9.7dB** under 250Hz.
- Selected as "**Honor Student**" & **Regeneron ISEF 2022 Finalist**.

Leadership

President: Computer Science Club | Spring 2021 – Summer 2023

Revived the club from 1 member to 30 members, lead daily seminars & created YKPS ArtPlace website. **Found/host** **CodeWars competition** every 2 months. **Organize Phishing Email drill** for whole school & **Designed** phishing website;

Co-Leader: TEDxYouth @YKPS | Grade 11, Grade 12

Lead TEDxYouth event at school. **Recruit** members and speakers for event. Work as **Tech Support** for video recording.

Honors

Regeneron ISEF Finalist, 2022

HiMCM Outstanding Award (One of the 8 teams selected from 705 teams), 2021

YKPao Principal's Award (Grade 10 & 11 every semester), 2021, 2022

Starriver Achievement Award (Received 5 Teachers' nominations), 2020

Extracurriculars

Photographer | 2017 - Present

Head of Finance, Salesman: Gourd's Juice Store | Spring 2021

Piano Duets Club | 2017 - 2022

Recreational Swimmer | 2016 - Present