

Jared Lai

Web Developer Intern

Education

2019-09 - present **University of California, Irvine (UCI)**
Bachelor of Science, Computer Engineering

Work Experience

2021-03 - present **Web Developer Intern**
Little Green House English Academy, Taipei

- Coded and coordinated website development for a summer camp.
- Registered domain, designed website, added FacebookPixel integration.
- Launched and designed ads on Google and Facebook.

Personal Projects

2021-06 - present **Personal Portfolio Website**

- Currently developing a personal portfolio website to showcase my projects and programming abilities.
- Coded through HTML and CSS, and deployed using GitHub Pages.

2020-11 - 2021-03 **iPodDuino**

- Learned intricacies of wiring components and programming Arduinos.
- Recreated the Mario theme song by hard-coding the different notes.

2019-01 - 2019-05 **Raspberry Pi-Face**

- Created 4 Kiosks showcasing projects for senior design exhibition.
- Leveraged facial recognition technology with Raspberry Pi's to play videos showcasing corresponding projects.
- Led a team of 3; designed, planned, and oversaw project development.

Academic Projects

Quadcopter Design

- Modled drone with SolidWorks; fabricated by 3D-printing/laser-cutting.
- Coded Arduino to drop payloads upon detecting certain objects.
- Soldered a PixyMon V2, servos, motors, and power supply.

Chess AI

- Coded a chess engine in C with a GUI interface using the GTK2+ library.
- Engineered an AI using bitboards and a Negamax algorithm.

Smog Alert

- Pinpointed geolocation and Identified regions with suboptimal air quality with Nominatim OpenStreetMap and PurpleAir APIs.
- Utilized Python's urllib and JSON to send requests and parse results.

Personal Info

Email
jairael@uci.edu

Phone
(805) 807-8132

Website
jaredlai.github.io/JaredResume

Certificates

**Oracle Certified Associate,
Java SE 8 Programmer**

Skills

Python	■■■■■
C	■■■■■
Java	■■■■■
Linux	■■■■■
Embedded systems	■■■■■
HTML/CSS	■■■■■