

# KEVIN (YI-FAN) CHIEN

2400 Durant Ave, Berkeley, CA • kevinchien@berkeley.edu • (510) 999-2661  
linkedin.com/in/kevinchien17 • Github: kev-chien

## EDUCATION

---

**University of California, Berkeley**, Berkeley, CA

Expected Graduation: May 2020

*B.S. in Electrical Engineering and Computer Science*

- Overall GPA: 4.0
- Relevant Coursework: Structure and Interpretation of Computer Programs, Data Structures

## EXPERIENCE

---

**Pioneers in Engineering**, Berkeley, CA

Aug 2016 - Present

Engineering group in UC Berkeley that runs a robotics competition for low-income high school students.

*Website Developer*

- Designed and built public-facing website pages in HTML/CSS/Javascript for Pioneers.
- Created new interactive website content to showcase important information regarding competition.

*Software Engineer for Dawn*

- Developed for student front-end robot software Dawn using React, ES6, and Redux in a small team.
- Wrote comprehensive unit tests for migration to Redux and Redux-Saga.
- Built new menu items for student code editor.

**Ironyun**, Zhubei, Taiwan

July 2016

*Intern in R&D*

- Assisted R&D with research and automated splicing and editing of video data using Python libraries.

**Pacific American School**, Hsinchu, Taiwan

July 2016

*Robotics Teacher*

- Structured and managed course to teach elementary school students robotics using hands-on projects.
- Taught course, managed TAs, and communicated with parents.

**PAS Technology Crew**, Hsinchu, Taiwan

Sept 2015 - May 2016

*Founder and Director*

- Led meetings and assigned staff roles for school wide technology assistance.
- Built and managed blog where I published and edited staff-written technology guides.

## PERSONAL PROJECTS

---

**Roblox Stealth Combat**

2013-2015

- Implemented in Roblox games player animations and controls for ducking under environmental cover against enemy fire.

**Telescope Friends**

July-Sept 2014

- Built robot telescope, and programmed its Android app for Bluetooth remote control.
- Won 3rd Place in Taiwan at WRO 2014.

## SKILLS & INTERESTS

---

**Programming Languages:**

- General Purpose: Java, Lua, Python
- Web Development: HTML, CSS, Javascript (ES6 and Vanilla)
- Misc: Swift, Scheme, SQL

**Technologies:** Roblox Game Engine, NodeJS, React, Redux, Arduino, iOS 10 SDK, Git

**Languages:** Proficiency in English and Chinese (native)

**Other interests:** Hackathons, 1st Violin in Hsinchu City Philharmonic, debate team, track and field