

Kevin Chien

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EDUCATION

University of California, Berkeley

B.S. in Electrical Engineering and Computer Science (GPA: 3.78)

8/2016 - 5/2020

Courses: Data Structures and Algorithms (Java)
Computer Architecture (C, assembly)
Artificial Intelligence (CS 188)

Discrete Math & Probability (CS 70)
Linear Algebra and Circuits (EE 16A)
Algorithms and Intractable Problems (CS 170)

ACTIVITIES

Pioneers in Engineering, Berkeley, CA

UC Berkeley club that provides STEM education to underprivileged high school students.

Project Manager on Web Team

8/2017 - Present

- ▶ Designed and built pages for <http://pioneers.berkeley.edu> to convey content for sponsors, mentors, and teams in 18 schools participating in our robotics competition.
- ▶ Trained and managed team of 7 to redesign and revamp 10+ pages of content using HTML, CSS, Jekyll, JQuery, and Github to provide clearer, modern navigation.
- ▶ Built pages for web app using Angular JS to query and display live competition scores.

Software Developer on UI Team

8/2016 - 5/2017

- ▶ Developed robot-controlling desktop app using React, ES6, Redux, and Electron for 300 high school students to use to learn to program a robot during a 8-week competition.
- ▶ Added UI components and animated tutorial, and Mocha unit tests for code maintenance.

WORK EXPERIENCE

UC Berkeley EECS Department

Tutor/ ASE: Taught in weekly offices hours and labs for UCB's EE 16A.

8/2017 - 12/2017

Academic Intern: Taught in weekly offices hours and labs for UCB's CS 61A.

1/2017 - 5/2017

Academic Intern: Taught in weekly offices hours for UCB's CS 61B.

1/2018 - 5/2017

Pacific American School Summer Sessions, Hsinchu, Taiwan

Algebra II Instructor (6 wk)

6/2017 - 8/2017

- ▶ Taught and graded a for-credit math course for 120 hours for a class of 7 high school students.

Ironyun, Zhubei, Taiwan

Intern: Used Python to batch reformat 100 GB+ of videos for testing of software.

6/2016

PROJECTS

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- ▶ **Database:** Built SQL clone with table read, select, and join using Java; team of 2. 3/2017
 - ▶ **Maps:** Built image displaying back-end for Google Maps clone and A-star search; individual. 4/2017
 - ▶ **Loop Pedal:** Built iOS app to automatically loop music using Swift; team of 5. 10/2016
 - ▶ **Personal Website:** built [kevinchien.me](#) for portfolio hosting using HTML, CSS, & Jekyll. 1/2017

SKILLS

Programming Languages: Python, Java, Javascript, C, Scheme, Lua, SQL

Web Development: HTML, React, Angular, JQuery, Jekyll, CSS, SASS

Technologies: Git, Node, IntelliJ, Redux, Electron, Mocha, Windows, Mac OSX, Amazon EC2