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Kevin Chien

UC Berkeley EECS sophomore with 1+ years of React development and 2 years of web development, currently managing 2 websites and with teaching experience in 4 UC Berkeley courses.

Education

University of California, Berkeley

B.S. in Electrical Engineering and Computer Science (GPA: 3.78)   Aug 2016 - May 2020

Courses: Data Structures and Algorithms (in Java)   Discrete Math & Probability (CS 70)
Computer Architecture (in C, assembly)   Linear Algebra and Circuits (EE 16A)
Artificial Intelligence (in Python, CS 188)   Algorithms and Intractable Problems (CS 170)

Relevant Projects

Pioneers in Engineering Website - Project Manager (1 year), Developer (1 year)   Aug 2016 - Present

‣ Oversaw team and developed content and styles for http://pioneers.berkeley.edu to convey content for potential sponsors, 300+ students, and 24 high schools per season.
‣ Trained and managed team of 7 to redesign and implement 10+ pages of content using HTML, CSS, Jekyll, JQuery, and Github to provide responsive, modern and animated navigation.
‣ Built pages for web app using Angular JS to query and display live competition scores.

Pioneers in Engineering React Developer (1 year)   Aug 2016 - May 2017

‣ Developed cross-platform desktop app using React, ES6, Redux, and Electron for 300+ high school students to use to learn robotics.
‣ Designed and built code editor settings interface, cached settings, robot status indicators, animated tutorial, file I/O operations and Mocha unit tests.

Other Projects

‣ Personal Website: built kevinchien.me for portfolio hosting using HTML, CSS, JS & Jekyll.   Jan 2017
‣ Database: Built SQL clone with Java. Has table read, select, conditionals, and join.   March 2017
‣ Yelp Predictor: Built Naive Bayes predictor in Python with Yelp dataset using Spark MapReduce.   Nov 2017
‣ Logisim: Designed and built a Logisim circuit of a RISC-V pipelined CPU.   Oct 2017

Other Work / Volunteer Experience

Pioneers in Engineering, Berkeley, CA

‣ UC Berkeley club that provides STEM robotics education to underprivileged high school students. Developed software, recruited new members, assisted high school students.

UC Berkeley EECS Department / DSEP

‣ *EECS Tutor/ ASE (Paid):* Taught in offices hours and labs for EE 16A (Circuits and iPython).   Fall '17
‣ *EECS Academic Intern:* Taught in offices hours and labs for Data Structures.   Spring '18
‣ *DSEP Connector Associate:* Debugged Python assignments and taught in workshops.   Spring '18

Skills

Programming Languages: Python (2 years), Java (3 years), Javascript (1+ year), C (4 months), SQL, Lua

Front-End Development: React, JQuery, Jekyll, HTML, CSS, SASS, Angular

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