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kevinchien.me

Kevin Chien

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Education

University of California, Berkeley

B.S. in Electrical Engineering and Computer Science (GPA: 3.74)

Aug 2016 - May 2020

Courses: Algorithms (170) Artificial Intelligence (188) Computer Architecture (61C - C)
Data Structures (61B - Java) Database Systems (186) Software Engineering (169 - Rails)
Discrete Math & Probability (70) Intro to Data Science (C8) Computer Programs (61A - Python)

Skills

Programming Languages: Python, Java, JavaScript, Ruby, C, SQL, HTML, CSS

Front-End: React (ES6), Redux, JQuery, Angular, EJS, HAML, Bootstrap, SASS

Back-End: Node, Express.js, Ruby on Rails, Java Spring, Oracle SQL / MySQL, Java Spring, AWS EC2

Data/ ML: NumPy, matplotlib, Apache Spark, Ray/RLlib, Sklearn

Other: Git, Testing Libraries, Build Tools (Jenkins), Travis CI, UNIX, Windows, VM / Docker

Experience

Hotwire, Inc. (Expedia Group) [Software Development Engineer Intern](#) (June - August 2019)

- ▶ Built Java Spring Boot micro service with REST endpoint for hotel room availabilities and prices
- ▶ Deployed HTTPS-secured service using AWS CloudFormation, using Jenkins pipeline

Learning Traffic Lab [Undergraduate Researcher](#) (Sept 2018 - May 2019)

- ▶ Maintaining Flow, an open source Python framework for deep RL in autonomous vehicles and performing experiments to improve traffic, collecting data and implementing algorithms
- ▶ Developed Flow Garden: a leaderboard web app and solution submission service, specifically working on the front-end and database API using JavaScript, Node, Express.js, HTML, and EJS

Faraday Technology [Software Development Intern](#) (June - July 2018)

- ▶ Developed IntelliJ plugins using Java and built a Swing UI for showing fields and methods of internal libraries for generating code, and a template generator for Java Spring web applications
- ▶ Built a scheduling UI and cron parser with JS, JQuery, Bootstrap for building and editing cron strings

Pioneers in Engineering [Web Project Manager](#) (2017 - 2018), [Web Developer/ Maintainer](#) (2016 - 2018)

- ▶ Maintained <http://pioneers.berkeley.edu> and respective Github repo, issues, PR's and trained new developers, many of whom with little coding experience

Pioneers in Engineering [Software Developer](#) (2016 - 2017)

- ▶ Developed UI and features for robot-interfacing desktop IDE app using React, Redux, ES6, Electron

Projects

MultiMeet Demo MVP | [CS 169 Pro Bono Project](#) (February - May 2019)

- ▶ Built Ruby on Rails web application hosted at multi-meet.herokuapp.com in a team of 6 to demo the startup MultiMeets's matching algorithm for optimized team scheduling based on preferences
- ▶ Led and managed team meetings, sprints, task assignment and pointing, retrospectives, and standup