

kevinwang

software developer, student

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programming

Python, Go,
JavaScript, TypeScript,
Java, C++, C

Vim, Git, Subversion

Latest version of resume at
kev.wang/resume

education

2013–2017 **Bachelor** of Computer Science University of Illinois at Urbana-Champaign
Chair of Projects Committee, ACM@UIUC
Study Abroad at Keio University, Tokyo, Japan (Spring 2015 semester)
GPA: 4.0

2009–2013 **High School** Stuyvesant High School, NYC
Highest Honors in Computer Science and Japanese

experience

2016–2016 **Palantir Technologies** Palo Alto, CA
Software Engineer Intern

- Wrote Go backend to integrate data from remote package repositories to allow for secure centralized browsing and installation of packages.
- Built a REST API and frontend interface for remote package installation.
- Wrote a polling thread-safe cache for remote package metadata.
- Wrote backend and frontend code to visualize service discovery dependencies in both tabular and graph forms.

2014–2014 **Khan Academy** Mountain View, CA
Software Engineer Intern

- Created personalized homepages for parents and teacher accounts.
- Created a weekly child progress summary email for parents, improving child return rate by over 16%.
- Added clarification submission and feedback questions to text articles.
- Revamped the ruler widget in the KA interactive exercise framework.

2014–Now **University of Illinois** Urbana, IL
Teaching Assistant, CS 225 Data Structures (4 semesters)

- Taught lab sections, held office hours, and developed course tools.
- Wrote card swipe-based attendance app for lab sections in Node.js and React. (GitHub: kevinwang/attendance)
- Developed for a web application used by several courses for computer-based testing and online assessment. (GitHub: PrairieLearn/PrairieLearn)

projects

2016 **ACM Display** Electron, React – acm-uiuc/display
Dynamic digital signage which aggregates multiple data sources including bus times, the ACM calendar, and the currently playing track on Beats by ACM.

2014–Now **Beats by ACM** Python, AngularJS – acm-uiuc/beats
Network jukebox for the ACM@UIUC Office that employs packet-by-packet generalized processor sharing for fair music queuing between users. Actively used and maintained with 10+ contributors and 15+ pull requests.

2013 **Dorm Automation System** Node.js – kevinwang/dorm-automation
API server for the X10 home automation protocol, which enables control of dorm lights, etc. using a CLI, web interface, voice, or Leap Motion controller.