



Jingkang Zhang

CS & English at UC Berkeley



Education

- 2018-06 - 2022-05 • **University of California, Berkeley**
B.A., Computer Science (3.69) and English (3.85)
- 2017-06 - 2017-08 • **Stanford University**
Summer Session, Computer Science Intensive Certificate (4.00)



Work Experience

- 2019-05 - 2019-08 • **Software Engineering Intern**
ByteDance (parent of TikTok and Toutiao)
Worked on *Toutiao* dev team, with a focus on front-end web dev.
 - CRM platform and user dashboard with **React**, **TypeScript**
 - Data scraping with **Node.js**.Internship Report: <https://jingkangzhang.com/report.pdf>
- 2018-06 - 2019-05 • **Instructor**
Teaching Python Online (Volunteer)
 - On-going for three terms; lead a staff team of 6; Spring 2019 boasts ~58 students.
 - Developed 2 coding projects. (**Python**) Available on [my GitHub](#).
 - Lecture materials (recordings, notes, homework) available at: <https://jingkangzhang.com/teaching>
- 2018-08 - 2019-01 • **Academic Intern**
Berkeley CS61A



Projects

- 2018-06 - present • **auto-auto-grader (autoAG)**
Web app built for CS educators.
 - Intuitive interface to compose coding homework
 - Automatically generates exportable homework and autograder files
 - One-click publishing homework; student submissions graded online<http://jingkangzhang.github.io/autoAG>
(**React**, **Python**, **Node.js**, **AWS Lambda**, **S3**, **DynamoDB**)
- 2019-12 - present • **autoAG-test**
Local API testing framework with a web interface.
<https://yuhao-c.github.io/autoAG-Test/> (**JavaScript**, **HTML**)
- 2016-10 - 2018-06 • **CollegeFork.com**
www.collegefork.com, A US university information website.
Notable Page: <https://collegefork.com/match/filter.html> (**JavaScript**, **HTML**)
- 2019-08 - 2019-09 • **Labmap**
Contributor
An interactive cartoon displaying availability of lab machines.
<https://labmap.ocf.io> (**JavaScript**, **SVG**)
- 2019-04 - present • **JingkangZhang.com**
3D model rendering in web browsers. Explored: Google Analytics; Google Tag Manager. <https://jingkangzhang.com> (**three.js**)



Personal Info

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WWW

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GitHub

<https://github.com/JingkangZhang>



Skills

Python

JavaScript, TypeScript, React (Hooks)

AWS Lambda, S3, DynamoDB, etc

CSS, LESS, Bootstrap, Antd

Git

Go

Java

C

RISC-V



Courses

Data Structures

Programming Abstractions

Client-side Internet Technologies

Structure and Interpretation of
Computer Programs

Machine Architecture

Discrete Math and Probability Theory

Efficient Algorithms and Intractable
Problems

Intro to Artificial Intelligence

Operating Systems