



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

Internet Architecture

Computer Security