



Jingkang Zhang

CS & English at UC Berkeley



Objective

- Prefer **full-time**; Okay with intern if full-time unavailable;



Education

2018-06 -
2021-05

- **University of California, Berkeley**
B.A., Computer Science (3.76) and English (3.85)
Can graduate in either 2021 or 2022.



Work Experience

2020-06 -
2020-08

- **Amazon**
Software Development Engineer Intern
Worked on *Audible Financial Systems* team; **full-stack web dev**.
Created an event management console. Used extensively by On-call Engineers and Business team to track their monthly work routines.
Java, AWS Lambda, DynamoDB, React, and Amazon internal tools.

2020-05 -
2020-07

- **Tencent Keen Lab**
Remote Research Project
Vulnerability Detection System for Binary Executables via Static Analysis

2019-05 -
2019-08

- **ByteDance**
Software Engineering Intern
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

- **Teaching Python Online**
Instructor
<https://jingkangzhang.com/teaching>



Selected 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)

2016-10 -
2018-06

- **CollegeFork.com**
www.collegefork.com, A US university information website.
Notable Page: <https://collegefork.com/match/filter.html>

2019-04 -
present

- **JingkangZhang.com**
3D model rendering in web browsers.
<https://jingkangzhang.com>



Personal Info

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WWW

jingkangzhang.com

GitHub

<https://github.com/JingkangZhang>



Skills

Python

JavaScript, TypeScript, React (Hooks)

AWS Lambda, S3, DynamoDB, etc

CSS, LESS, Bootstrap, etc

Java

Git

Go

C

Sonnets

RISC-V



Courses

Data Structures

Programming Abstractions

Client-side Internet Technologies

Structure and Interpretation of
Computer Programs

Machine Architecture

Discrete Math and Probability

Algorithms

Intro to Artificial Intelligence

Operating Systems

Shakespeare

Internet Architecture

Computer Security

Compilers*

Databases*

*: on-going