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

SDE 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 - present

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