Tom**Zheng**

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⊕ https://tomzheng.me/

Education

UC Berkeley *Berkeley, CA*
BA in Computer Science, BA in Economics *Sep 2019 – Jun 2023*

Relevant Coursework *Technical GPA: 3.62/4.0*

- CS61A: Structure and Interpretation of Computer Programs
- CS61B: Data Structures
- CS61C: Great Ideas of Computer Architecture
- CS70: Discrete Math and Probability
- CS170: Efficient Algorithms and Intractable Problems
- CS W186: Introduction to Database Systems
- CS161: Computer Security
- CS162: Operating Systems and System Programming
- EECS 16A: Designing Information Devices and Systems I
- EECS 16B: Designing Information Devices and Systems II

Work

Capital One - *Incoming Software Engineer Intern* *San Francisco, CA*
Summer 2022 Internship (Begins May 2022) *May 2022 – August 2022*

Kumon - *Tutor* *Fairfield, CA*
Tutored middle and high school students in reading and mathematics. *August 2018 – April 2019*

Yup - *Tutor* *Online*
Tutored high school and college students in AP Calculus AB and BC. *November 2017 – February 2018*

Projects

4Pix *ReactJS, NodeJS, MySQL, SASS*

An image hosting site for sellers to share photos of their products and expand their business. It
allows sellers to divide their albums into different categories for easier browsing and allows the seller *https://github.com/tomzheng2001/4Pix*
to manage their categories and page views.

Portfolio Website *ReactJS, SASS*

A responsive portfolio website that showcases a variety of projects, coursework, along with
information about me. The website is hosted here: https://tomzheng.me/ *https://tomzheng.me/*

E-commerce Site/Template *ReactJS, NodeJS, MongoDB,*
CSS, Bootstrap
A full stack e-commerce website/template with functionalities for checkout, adding to cart, searching
and sorting items, managing items, payment system, and more. Built using MERN stack. *https://git.io/J1Eco*

RookieDB *Java*

A database implementation written for cs w186 (introduction to database systems) that supports
joins, B+ trees, query optimization, concurrency, and recovery. *https://git.io/J1EwL*

Gitlet *Java*
A version control system similar to git written for CS61b (data structures) that supports commits,
checkouts, logs, branches, and merging. *https://github.com/tomzheng2001/gitlet*

Activities/Extracurriculars

Pioneers In Engineering, CS61A Tutor, Cal Hacks 8.0, Berkeley Game Design And Development, Cal Fencing

Skills

Programming Languages: Java, Python, JavaScript, TypeScript, HTML, SQL, CSS, GraphQL, C++, C, C#, Swift, Go
Frameworks/Databases: ReactJS, NodeJS, NextJS, MySQL, MongoDB, PostgresSQL, Bootstrap, TailwindCSS
Other: Figma, Unity, Google Cloud, Twitter API, Microsoft Azure, Amazon AWS