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# Bitian Zhang

## Software Engineer

Los Angeles, CA

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[LinkedIn](#) [GitHub](#) [Portfolio](#) [Blog](#) [Twitter](#)

## SKILLS

**Languages:** Javascript, Typescript, Python, HTML, CSS/SCSS, SQL

**Frontend Technologies:** React, Redux, Sass, Tailwind, Bootstrap

**Backend Technologies:** Node.js, Express, Django, Flask

**Database Technologies:** MySQL, PostgreSQL, MongoDB

**Version Control, CI/CD, Containerization:** Git, GitHub, GitHub Actions, Docker

**Other Skills:** REST API design with Postman, Unit Testing with Jest, Web Accessibility Standards

## EXPERIENCE

### Hack for LA, Remote - *Software Engineer*

JAN 2023 - PRESENT

- Resolved epic issues by creating React pages and writing utility classes using Sass for the CivicTechJobs project.
- Delivered high-quality code following web accessibility standards for the HfLA website.
- Refactored and created crucial GitHub Actions scripts using GitHub API, automating the process of checking issue updates and sending reminders to contributors. Resulted in improved workflows, increased consistency, and greater efficiency.
- Reviewed and merged pull requests from other contributors, providing constructive feedback and resolving merge conflicts when needed. Ensured timely and efficient delivery of features and enhancements.

### 100Devs, Remote - *Software Engineer*

MAY 2021 - PRESENT

- Collaborated with cross-functional teams of software developers to design, develop, and deploy full-stack web applications. Utilized agile methodologies to ensure timely delivery of products.
- Worked with paid clients to build websites for business and personal use.
- Led and mentored new developers, helping them improve their skills using GitHub.
- Wrote informative and insightful blog articles on popular technologies and best practices in web development, sharing knowledge and contributing to the broader developer community.

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## **City of Sunnyvale, Sunnyvale, CA** - *Community Services Coordinator II*

OCT 2018 - DEC 2020

- Oversaw the city's Teen Advisory Committee and successfully orchestrated large-scale community events, collaborating with multiple departments and stakeholders to ensure seamless execution and foster community engagement.
- Conducted comprehensive training sessions for coordinators and the customer service team to effectively utilize a newly implemented program registration system, resulting in a notable increase in online registrations and enhanced data collection practices.

## **San Mateo County Libraries, San Mateo, CA** - *Technology Program Specialist II*

MAR 2015 - OCT 2018

- Fostered collaboration with the California Academy of Sciences, collaborating on the development and implementation of citizen science programs across multiple branches, bringing innovative and educational experiences to the community.
- Orchestrated and managed highly successful large-scale events, including the STEAM Fair and 3D Printing Fair, drawing in over 400 participants and showcasing the latest advancements in technology and creativity.
- Contributed as a member of the Tech Committee, collaborating with contractors to envision and establish cutting-edge library Makerspaces, enhancing access to technology and fostering a culture of innovation.
- Designed and delivered engaging Arduino workshops, creating lesson plans catered to youth from diverse backgrounds and actively participating in initiatives such as Girls Who Code.

## **EDUCATION**

**Amherst College, MA** - *BA Psychology, Graduated with Distinction*

## **PROJECTS**

**Catlog** - [🔗] Technologies used: JavaScript, Node, Express, EJS, MongoDB, TailwindCSS.

Full-stack web app that provides a platform for rescue agencies and volunteers to easily enter and update important information about cats, including their medical history, and current status.

**Home Bakery** - [🔗] Technologies used: React, TypeScript, ReactBootstrap.

An intuitive and user-friendly platform that allows clients to effortlessly browse through a delightful selection of treats and seamlessly add, remove, and edit items in their shopping carts.

**Daily Tasks Heatmap** - [🔗] Technologies used: JavaScript, Node, Express, MongoDB, CSS, HTML.

Full-stack web app that enables users to track the completion of daily assignments through a GitHub-style heatmap.