

Bitian Zhang

Software Engineer, Los Angeles, CA | bitian.zhang@gmail.com | [LinkedIn](#) [GitHub](#) [Portfolio](#) [Blog](#) [Twitter](#)

SUMMARY

As a full-stack software engineer with a background in psychology and public services, I am passionate about leveraging technology to improve people's lives. With a proven track record of delivering successful web applications, I am excited to apply my skills and experience to a team that values innovation and human-centered design.

SKILLS

JavaScript Python React Node Express HTML CSS Tailwind/Bootstrap GitHub OOP

PROJECTS

Catlog [🔗] — Full-stack web app that provides a platform for rescue agencies and volunteers to easily enter and update important information about cats, including their profiles, medical history, and current status. Streamlines communication and information sharing between rescue agencies and volunteers, making it easier to provide crucial care for cats in need.

Technologies used: JavaScript, Node, Express, EJS, MongoDB, TailwindCSS.

Daily Tasks Heatmap [🔗] — Full-stack web app that enables users to track the completion of daily assignments through a GitHub-style heatmap. Provides users with a visually engaging and intuitive way to track their daily assignments and progress, which can be a powerful motivator for staying on top of tasks. Exhibits patterns and trends in the user's productivity, making it easier to identify areas for improvement and increase overall efficiency.

Technologies used: JavaScript, Node, Express, MongoDB, CSS.

EDUCATION

Amherst College, MA - BA Psychology

EXPERIENCE

Software Engineer - Hack for LA [🔗]

JAN 2023 - PRESENT

- Refactored crucial GitHub Actions scripts and implemented bots that run regularly, 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.
- Led and mentored new developers, helping them improve their skills using Docker and GitHub.

Software Engineer - 100devs [🔗]

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.

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Community Services Coordinator - *City of Sunnyvale*

Oct 2018 - Dec 2020

- Trained coordinators and customer service team to use a newly implemented program registration system, resulting in increased online registrations and improved data collection.
- Led the city's Teen Advisory Committee and organized large-scale community events.

Community Technology Specialist - *San Mateo County Libraries*

Mar 2015 - Oct 2018

- Developed lesson plans and taught Arduino workshops for youth of diverse backgrounds, and hosted Girls Who Code.
- Collaborated with California Academy of Sciences to develop and execute citizen science programs across multiple branches, enriching the community through innovative and educational initiatives.
- Orchestrated and managed large-scale events, including STEAM Fair and 3D Printing Fair, attracting over 400 participants.
- Served on the Tech Committee, working with contractors to design and implement new library Makerspaces.

VOLUNTEER

Media Team Intern - *Greenpeace East Asia*

- Conducted website maintenance using Google Analytics and Webmaster Tools.
- Translated blog articles and video transcripts from English to Chinese and Chinese to English.

LANGUAGES

English

Chinese