Zachary Prong

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A **growth engineer** and Tech Lead with a track record of delivering high-impact features on time, driving projects with a focus on data-driven decision-making through A/B testing, and promoting a culture of technical excellence and collaborative problem-solving within the team.

WORK EXPERIENCE

Cambly, San Francisco

A subscription-based, online platform service that connects English learners with native English-speaking tutors for conversational practice via video chat

Software Engineer / Tech Lead   Mar 2024 – Nov 2024

- Led a team of 4+ engineers in planning, documenting, and shipping medium-large scale projects, writing technical specs and architectural docs to ensure clarity and alignment
- Architected REST APIs for seamless mobile and web integration
- Conducted 40+ A/B tests with a majority of them shipped to 100% of users, optimizing UX and conversion rates
- Increased DAUs on web by collaborating with a cross-functional team to deliver high-impact features
- Enhanced team collaboration through mentorship, daily stand-ups, code reviews, pair-programming, and retros, fostering growth and best practices
- Consistently delivered features on-time or ahead of schedule
- **Notable projects:** recurring lessons feature, launched and promoted a new IELTS subscription plan, refactored code on our search page resulting in 10x development velocity on projects related to that page, added multithreading to Redis workers to avoid quick jobs from being blocked by long jobs

L3 Software Engineer   Jun 2020 – Mar 2024

- Built a large number of features with responsive, adaptive, and accessible UI
- Built tutor bonusing framework enabling experiments on bonus campaigns leading to savings of >$100k/year
- Shipped infrastructural improvements that improved user signup performance
- Led Black Friday promotion launch for group lesson plans, and increased our overall subscriber-count by 0.03%
- Added scripted browser monitoring on New Relic to detect failures on core functionalities such as signup, login, booking a lesson, etc.
- Increased developer velocity across the eng organization by actively contributing to our internal design system

Software Engineer Intern   Jun 2019 – Sep 2019

- Revamped the tutor-activation flow to reduce drop-offs on tutor applications
- Improved the homepage UX for calling on-demand tutors
- Developed the landing page of Cambly's ambassador program

QM Simulations, San Ramon

Software for conducting research in the pharmaceutical space, specifically with protein simulations

Software Engineer Intern (part-time in college)   Jun 2018 – Sep 2018

- Shipped UI/UX updates on the web client in an HTML/JS/JQuery environment

SKILLS

React, TypeScript, HTML, CSS, NextJS, Python, MongoDB, Java, C++, CI/CD

EDUCATION

Bachelors in Computer Science   **UCLA**   2019

HOBBIES

Pickleball, escape rooms, board games, boba, tennis, card collecting, karaoking