

Robert Zhang

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Education

Vanderbilt University

B.S. in Computer Science – GPA: 3.8

Nashville, TN

Aug 2015 - Dec 2018

Experience

Clever

San Francisco, CA

Software Engineer II

Jan 2020 - Present

- **App Store:** Leading a project to revolutionize how school curriculum leaders discover and purchase education apps, core to the company's strategy and monetization
- **School Tech Lead redesign:** Led redesign of an entire core user type experience, driving up user retention and laying groundwork for other core initiatives
- **Demo accounts:** Led a cross-team project to give users personal demo accounts, a feature used by 20% of users that laid infrastructure for other core features
- **Library mobile-responsiveness:** Led an initiative to make the Clever Library mobile-responsive, driving up SEO to the first page of search results
- **Accessibility Lead:** Led accessibility efforts for my immediate team, driving the Clever Library to be 100% WCAG compliant

Software Engineer

Jan - Dec 2019

- **Teacher app sharing:** Led a project to allow teachers to share education apps in our Library with each other, driving over 10,000 installs in our Library since launch
- **Teacher redesign:** Contributed to a redesign of the Clever Teacher Portal, driving up teacher engagement and adoption of our core product
- **Teacher app purchasing:** Led an initiative to allow teachers to pay out of pocket for premium app subscriptions, driving revenue up
- **Portal frontend migration:** Contributed to a project to migrate the core frontend data model in the Clever Portal, increasing developer efficiency

Microsoft

Redmond, WA

Software Engineering Intern

May - Aug 2018

- **Augmented Whiteboard:** Created proof of concept and working V1 for an AI-powered Microsoft Teams feature to trim and enhance a whiteboard live during a call, laying groundwork for its subsequent public release

Vanderbilt University

Nashville, TN

Teaching Assistant

Jan - May 2018

- **Vanderbilt School of Engineering:** Graded homework and tests for the undergraduate Algorithms course

Research Assistant

May - Aug 2017

- **Vanderbilt Computational Memory Lab:** Implemented parameter recovery algorithms for multiple versions of a hyperdimensional computational model of the human memory system

Web Developer

Aug 2016 - May 2017

- **Vanderbilt French Department:** Led development of a website for the analysis of manuscripts of the poem Les Congés

Skills

Javascript, HTML, CSS, React, Redux, Node.js, Express.js, Typescript, Less, Golang, Java, C++, SQL, MySQL, DynamoDB, MongoDB, PostgreSQL, Git, Docker