

Vivian Yee

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Education

Stony Brook University – Computer Science and Applied Mathematics and Statistics

August 2018 – December 2021

- Cumulative GPA: 3.57 / 4.0

Experience

Rocket Mortgage – Associate Software Engineer

June 2022 - Present

- Operates in the Partner Experience team in RocketProTPO with daily standups, keeps track of assigned 3-5 Jira tickets per sprint, collaborates with 3 other engineers, and participates in biweekly plannings.
- Currently engaged in front-end development of the portal for our brokerage partners using Angular.
- Enhances Rocket's partner portal homepage by adding 3+ web components such as: a descriptive and viewable card that shows all of the partners current loans in progress, a display of news, resources, and announcements that Rocket offers, and contact information of themselves and their account executive.
- Utilizes Jasmine and Cypress for end to end testing on front-end code using TypeScript.
- Handles daily Rocket's partner portal's 5+ micro-frontends and backend repositories on GitHub.
- Is in charge of calls on PagerDuty monthly, debugs technical incidents through Dynatrace and Splunk.
- Delivers and deploys code through CircleCI pipeline and Hal and goes 2-3 thorough code reviews every week.
- Contributes to all of RocketProTPO website's benefits, programs, and homepage using WordPress and has increased the traffic of the site by up to 68,000 visitors a month.

Better – Software Engineer

February 2022 – April 2022

- Collaborated with a group of 5 people in the Collateral Insurance team and Homeownership pod to brainstorm ways to build a more efficient and quick way for homeowners to secure their property.
- Worked on front-end development of Better's homeowners insurance business or known as Better Cover which uses clients' data to calculate and surface up to 5 insurance quotes in a consistent web experience.
- Reduced restrictions on service eligibility by allowing customers whose chosen property type is investment or second homes to have access to Better Cover, increasing visibility by 63%.
- Launched a quote error pane to display using React to those who are unable to receive a quote in Better Cover and exhibits a contact page that allows the client to reach one of our available advisors.

Better – Software Engineer Intern

June 2021 – August 2021

- Independently designed and built a React web application of an internal admin view dashboard which displays information of customers that have been permitted to get a pre-approval letter for a mortgage.
- Parsed through customer data and displayed them in a way that is easily accessible utilizing React UI component libraries such as Ant Design and MUI.

Projects

Population Equality Generator – Project Leader

August 2021 – December 2021

- Oversaw a group of 3 to create a web application that displays demographics, elections, and borders of Maryland. It allows the user to determine which out of a set of 30 previously generated districtings to examine and further optimize to create an ideal redistricting that decreases gerrymandering in the state.
- Built Python scripts that parses through census data to gather demographic and election figures, then calculates appropriate statistics to be displayed to the web application using React.

Technical Skills

Angular · React · NextJS · JavaScript · TypeScript · Java