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

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.
- Hit Graphql endpoints using Magellan and retrieved customers' contact information, saved properties on their account, pre-approval letters, and milestones on applications they have started on a property.
- 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.
- Demonstrated a great understanding of the relationship between the business side of Better and the information gathered by the purchase journey experience team by creating the dashboard.

SBU System Support Staff – Student Assistant   *September 2019 – March 2020*
- Checked 20 lecture halls to ensure projectors, printers, and monitors are working properly and received approximately 10 phone calls everyday for troubleshooting computer issues throughout the building.

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.
- Developed and designed the web application from scratch using React.
- Built Python scripts that parses through census data to gather demographic and election figures, then calculates the appropriate statistics to be displayed to the user.

School Planner – Creator   *December 2018 – January 2019*
- Devised an application which allows users to plan out their school classes before officially scheduling it.
- Showcased expertise in implementing stacks and queues by having options for adding, removing, or getting courses in planner.

Technical Skills

React · JavaScript · TypeScript · Java · Python