

Thomas Nguyen

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EDUCATION

San Jose State University

Bachelor in Software Engineering

San Jose, CA

Expected Graduation December 2023

Evergreen Valley College

Associate in Mathematics, GPA: 3.192/4.0

San Jose, CA

Completed December 2020

EXPERIENCE

Front End Engineering Intern

Backblaze

July 2021 - Current

San Mateo, CA

- Developed reusable React components utilizing **Theme UI and Storybook for Netlify CMS used by over 10 people on the marketing team** for production Backblaze website
- Implemented navigation bar using React-Redux and React Hooks for custom React-Static page
- **Improved performance of production pages by 30%** using Lighthouse to measure metrics such as largest contentful paint, cumulative layout shift, etc
- **Tested React components using Jest snapshots with 100% code coverage** of new components in order to make sure changes affected components as necessary
- Ensured all React components implemented typechecking with PropTypes to avoid bugs and errors
- **Technologies used:** React, Redux, React Hooks, Theme UI, Storybook, Google Lighthouse, Netlify CMS, Jest, Git, Github, Jira, React-Static

Software Engineer

VirtuaBroker

April 2021 - July 2021

London, England

- Implemented internationalization of texts and currencies for web application using React-i18next
- Built custom subscriptions page for users to pay for different tiers of services resulting in over **\$4,000** recurring monthly sales using Chargebee, Material UI and Tailwind CSS
- **Improved user engagement time by 150%** by developing sorting capability of cryptocurrency markets in ascending or descending order for different filters using Lodash and React Hooks
- Developed currency selector that allows users to view results of the platform such as the value of their portfolio in USD, EUR, or BTC using Redux and React Hooks
- **Pushed React features into production for crypto platform with over 1,000 users**
- **Technologies used:** React, Material UI, Tailwind CSS, Redux, React Hooks, Lodash, React-i18next, Git, Gitlab

Software Engineering Intern

Eloquent Cloud

June 2020 - December 2020

Agoura Hills, CA

- **Reduced 90% of waiting time for over 500 clients** by designing and developing a database change detector in Golang to automate infrastructure with Ansible scripts and Docker containers
- Built full stack web application with PHP and jQuery for querying and modifying LDAP server **used internally by 5 other developers**
- Secured web application by implementing company's Central Authentication Service (CAS)
- **Technologies used:** PHP, Golang, jQuery, LDAP, Docker

PROJECTS

Misfits DeFi | *React, CSS, HTML, Javascript*

- Designed and developed landing page for cryptocurrency token using React, Styled Components, Tailwind CSS, React Router, React Scroll, React Hooks, React Particles, Material UI, React Minimal Pie Chart
- Wrote technical white paper to explain the issues with food waste and solutions the Misfits DeFi platform would bring
- Researched other cryptocurrency token projects to develop standards for token economics, white paper, pitch deck, marketing, and development of token

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML/CSS, Golang

Frameworks: React, jQuery, Material UI, Tailwind CSS, Styled Components, Theme UI

Developer Tools: Git, VS Code, Jira, Sourcetree, Storybook, Jest, Lighthouse, Netlify CMS, React-Static