

Red Bank, NJ

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[GitHub](#)

Elijah Ally

[My Portfolio](#) | [LinkedIn](#) |

## SKILLS

TypeScript, Java, React, Redux, Ruby on Rails, MongoDB, Node.js, Express.js, Webpack, Strapi, Stripe, TS/Secret Clearance, Music Production, Logic Pro X, Surfing, Leader, Team-Player, Skilled in Focus

## EXPERIENCE

Software Engineer I ( *iOS Development, Java, Fullstack* )

*Treez Inc: Full-Time*

Jan 2022 - Oct

2023

- Led the development and maintenance of our iOS intake application, "SellTreez Customer Management", handling updates, bug fixes, enhancements, and more.
- The "Intake" app is a React Native application for managing adult use and medical cannabis customers, dealing with multi-state operators (MSOs) and large datasets.
- Gained proficiency in using the Scandit API for scanning licenses.
- Learned SCRUM best practices as a member of our small Front-of-House (FOH) team, where we managed the check-in and point-of-sale (pos) apps.

Software Engineer Technical Instructor I ( *JavaScript, Ruby, Python* )

*App Academy: Part-Time*

Sep 2021 -

Jan 2022

- Tested applicants on their knowledge of Data Structures & Algorithms.
- Evaluated an applicant's soft skills and technical expertise in software engineering.
- Assessed if new applicants are capable of completing AppAcademy's rigorous coding course.

## PROJECTS

Solr Blu | [Live](#) | ( WordPress CMS )

Feb 2023 -

Present

- Formed a company to address our degrading water resources in the US and around the globe.
- Acquired research license to examine a NASA patent to determine whether it can be commercialized and possibly help mitigate the excess nitrogen in our water bodies.

Sea The Moss | [Live](#) | [GitHub](#) | ( *NextJS, Strapi CMS, Stripe, TypeScript* )

Sep 2023 -

Present

- Managed a team of 2 software engineers, and utilized Mantine UI templates to successfully launch our e-commerce web app using AWS EC2.
- We created this website to deliver quality sea moss products to our customers.

SimplifySpaceJunk | [Live](#) | [GitHub](#) | ( *Webpack, Satellite.js, Three.js, TypeScript* )

April 2021 - May

2021

- Queried NASA's TLE API to retrieve and display the name, location, and other details about each artificial satellite, onto a 3D Earth environment provided by Three.js.

## EDUCATION

Rose-Hulman Institute of Technology - *BS Mechanical Engineering (DNG)*

Sep 2019 - May

2020

- Accepted into the ESCALATE program where I was introduced to the principles of entrepreneurial

success, including identifying market opportunities.

AppAcademy - *Software engineer program with a 3% acceptance rate.*  
2021

Mar 2021 - Jul

### ACTIVITIES

- Ran Track & Field at Rose-Hulman and in HS (short sprints), we can race anytime :)
- Learned to surf in Puerto Rico, I still try to get out when the waves are good
- I produce music in my free time, check out my youtube [@musabytemusic](#)