

**SKILLS** JavaScript, Python, React, Redux, SQL, PostgreSQL, Sequelize, SQLAlchemy, ExpressJS, Flask, NodeJS, PugJS, Docker, HTML5, CSS, Git

## PROJECTS

Remember the CRUD | (*JavaScript, Express, PugJS, Sequelize, CSS*)

[live](#) | [github](#)

- Remember the CRUD is a task management app, designed to allow amateur and professional programmers to better organize their programming projects.
- Collaborated with three other engineers using a Kanban board to divide features and goals for efficient project completion. I was the scrum master for this project.
- Devised a system for the simplified manipulation of the HTML DOM.

Speakeasy | (*React / Redux, Python, Flask, PostgreSQL, SQLAlchemy, Alembic, Docker*)

[live](#) | [github](#)

- This Application is a service which allows users to check in at a distillery and share what they are drinking and how they rate it.
- For this project we implemented modals in state as opposed to in context. After passing a HTML ref through redux our redux dev tools crashed because of an infinite recursion issue and we were unable to use them so instead read what was or wasn't in state through the console.

Countable | (*React / Redux, JavaScript, Express, PostgreSQL, Sequelize, Node.js HTML5, CSS, AWS*)

[live](#) | [github](#)

- Countable is a fullstack app for users to voice concerns about issues in their neighborhood and to hold politicians accountable in an attempt to make real change.
- Formik forms with yup validations are an example of an open source library I included in this project
- In this project I made expensive backend queries and as the current database is not extensive it works for this project but sequelize pagination is something I would consider for a larger scale project down the line.

## EXPERIENCE

Lead Preschool Teacher

*Brooklyn Preschool of Science*

Sept 2019 - Aug 2021

- Scaffolding education for children through play and a science-based curriculum. Tapping into the child's need to understand how things work, while providing a foundation for meaningful math, language, and literacy development
- Lead teacher in a classroom of 17 children with an assistant and co-teacher
- Assisting parents with any needs they have relating to their children
- Providing and preparing weekly curriculum planning and weekly newsletters

Preschool Teacher

*Little Learners Preschool and After School*

Nov 2018 - Jun 2019

- Laying a foundation of teaching children within an age range of 2 years and 8 months to 5 years
- Supporting and promoting a child-led curriculum
- Independently managed and promoted offshoot "Breakfast Club" and "Play Club" before and after school hours

## EDUCATION

AppAcademy - Currently enrolled in the 24 week immersive Software Engineering Bootcamp with 3 % acceptance rate. Expected graduation date of December 2021.

Trinity College Dublin, Marino Institute of Education - *Masters in Education Studies (Early Childhood Education)*, 2017-2019

Dublin City University - *BSc. in Children's and General Integrated Nursing*, 2012-2017