KYLE GINZBURG

(305) 962-6631 | keginzburg@gmail.com | LinkedIn | Github | Portfolio | New York, NY

SKILLS

JavaScript, React, Redux, Ruby, Ruby on Rails, HTML, CSS, Mongoose, MongoDB, Node.js, Express.js, SQL, PostgreSQL, SQLite3, Webpack, Vite, jQuery, Git, Heroku, HTML5 Canvas, AWS S3, Object Oriented Programming

PROJECTS

Sol   Live Site | Github

Built with vanilla JavaScript, CSS, HTML5 Canvas, and DOM manipulation, Sol is a data visualization of our solar system.
- Developed a dynamic **fetch** request that accesses **The Solar System OpenData API** for specific planet orbital data and optimizes it for **Canvas** animation, providing users with a tangible orbit simulation.
- Designed a **sorting** function that parses a planet's temperature data and sorts it into a unique ratio of particle instances, creating a "3D" heat map of each planet.
- Implemented **object-oriented programming** to parse a planet's gravity data and render it (along with a gravity constant) into two separate **Canvas** objects for visual comparison.

Centre   Live Site | Github

Built with React-Redux, Ruby on Rails, and AWS S3, Centre is a full stack clone of the online publishing platform Medium.
- Integrated an authentication pattern (via **BCrypt Hashing**) between a **React**-**Redux** frontend and a **Rails** backend to provide users with Sign Up, Login, and Logout functionality while preventing plain text password storage.
- Built **DRY React** components for an Articles resource that persist user input to a **SQL** database and seamlessly render that data back to the frontend for full **CRUD** functionality.
- Incorporated a Follow feature, allowing users to curate authors and their published content in an **optimized** Following category.
- Designed a Clap feature that allows users to add or remove a "like" for published content, with a **dynamic** amount to personalize the user experience.

EXPERIENCE

Campus Hybrid Instructor
App Academy, 02.2022 - 07.2024
- Taught software engineering curriculum to students, answering their technical and conceptual questions.
- Delivered daily curriculum lectures and routinely updated lecture materials (as head of the lecture committee) to improve the student learning experience.
- Facilitated the training and onboarding of Instruction Assistants and organized stand-ups for the Instructional team to address learner expectations and anticipate common issues.
- Monitored students' progress through the course and identified ways to support their learning on an individual level.
- Coached students on their portfolio projects, guiding them through real-world workflows.

Set Production Assistant
Multiple Film & TV Credits, 09.2014 - 07.2021
- Led the training of new hire production assistants in on-set protocol and delegated on-set assignments to staff production assistants, allowing the department to cover more ground and anticipate production issues.
- Supervised principal and background actors and acted as a liaison between hair, makeup, and wardrobe to ensure the cast was always ready and adhering to the production schedule.
- Coordinated the set environment and utilized time-management skills to keep the shooting crew aware of daily scene work and schedule accuracy.
- Facilitated communication channels between the director, cast, and production crew.

EDUCATION

Full Stack Web Development - **App Academy** | Winter 2021
- Rigorous 1000-hour software development bootcamp with <3% acceptance rate.

BFA in Film & Television Production - **Tisch School of the Arts @ New York University** | Spring 2014