Hayden Linder

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LANGUAGES AND TECHNOLOGIES

- Ruby on Rails, Node.js, JavaScript, React, React Native, Next.js, THREE.js, jQuery, HTML, CSS, SQL, REST, Python, Rspec, Mocha, Jest, Heroku, AWS, Google Cloud, DNS, TCP, SSL, PHP, Git, Selenium, Docker

PROFESSIONAL EXPERIENCE

Sole Web Development | Software Engineer | San Francisco, CA   12/2019 - Present
- Created custom search and quote widgets for southwinds rentals with JavaScript and REST API.
- Created modular components with Next.js and TailwindCSS and configured Gmail and Mailchimp APIs for whossavingtheplanet.com.
- Instructed a course on creating a tesla paint picker with threejs and react-three-fiber.

Canon BPS & The Millennium Group @ Facebook | Project Manager | Menlo Park, CA   2/2017 - 12/2019
- Reduced time spent on FAQ-related tickets by updating and organizing client-specific web page frontend.
- Increased ticket-handling capacity and enabled better reporting and resource distribution by designing and automating ticket lifecycle and data collection.
- Collaborated with Engineers to create a queueing tool and integrate with data collection framework.
- Reduced errors by authoring Standard Operating Procedure and training entire staff, setting previously undocumented expectations.

Mathnasium, Studio 531, The Tutoring Spot | Math Tutor | Sunnyvale, CA & Waldorf, MD   8/2014 - 3/2017
- Created lesson plans, tests, and homework assignments for subjects ranging from arithmetic to precalculus.
- Helped a student study for a college placement test, landing them in calculus.
- Lectured and provided homework assistance in group and one-on-one settings.
- Checked student grades daily and followed-up with students after tests to ensure desired results.

PROJECT WORK

Abocabo | Full-Stack Engineer | live
A map-based web app that allows users to add sales to markets and find cheap sales near a search area.
- Configured SSL, DNS, dedicated IP, and secure backchannel proxy in order to integrate with Google Maps and Facebook Login SDKs.
- Architected and built a Ruby on Rails backend that implements user auth with email confirmation, stores food and sales, and queries that serve JSON data about the most recent unique combinations of food_id and place_id for all nearby markets.
- Designed, built, and styled a responsive frontend user interface from scratch with React and SCSS, utilizing CSS grid and media queries to provide an excellent user experience on any device.

Particles | Graphics Engineer | live
An interactive orbital physics simulator where users can change properties like gravity and density.
- Used Three.js to add shapes, lighting effects, orbit controls, and to perform vector calculations.
- Used Vanilla JavaScript, DOM, and CSS to create a loading page and responsive controls layout from scratch that allows users to play, pause, set initial conditions, and change properties in real time.
- OOP abstracts Particle, Universe, and View classes, making code readable and reusable.

EDUCATION

Software Engineering, *App Academy*
Mathematics, *De Anza College*

LEADERSHIP + AWARDS

Employee of the Month, *Canon Business Process Services*