

# Sean Hetzel

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Full stack web developer with a passion for making a positive impact through creativity. My entrepreneurial background in product development and hardware combined with experience in Ruby on Rails, JavaScript and React gives me the creative and problem solving skills I need to develop innovative software for results driven companies.

## WORK EXPERIENCE

### Frontend Engineer 1 at Clairvoyant, Phoenix, Arizona

June 2020 - Present

- Developing UI with React hooks, Typescript and GraphQL for Grand Canyon University's [learning management system](#), which now has a combined 90,000+ student and instructor users.
- Successfully delivering major features within 2-week sprints using the agile methodology.
- Collaborating with product owners, UI/UX designers, QA testers, backend developers and other frontend developers to ensure a smooth development process.
- Meticulously ensuring that the final product is pixel perfect and meets the highest level of design and functionality standards.
- Writing unit tests with Jest to secure a rock-solid foundation for future development.

### Entrepreneur, Client: University of Arizona Bookstore, Tucson, Arizona

August 2018 - April 2019

- Collaborated with business leaders to deliver a [final product](#) to store shelves.
- Designed the entire product such as its packaging, printed circuit board, laser cut panels, electronics and assembly instructions.
- Negotiated with foreign and local suppliers and manufacturers to minimize production time and cost.
- Manufactured 200 units with a profit margin of 55% each.

### Entrepreneur at Roxen, LLC, Tucson, Arizona

April 2017 - April 2019

- Sourced and launched 7 products on Amazon and was awarded the Amazon's choice badge for two of them.
- Achieved over \$30,000 in sales revenue by averaging 10 units per day and surpassed a goal of selling 50 units in one day.
- Managed all aspects of the business including listing and packaging design, financials and customer service.
- Communicated with suppliers to create products that fulfill market demand based on quantitative and qualitative analysis.

## TECHNICAL PROJECTS

### Sunset Investing - [Visit](#) | [Frontend](#) | [Backend](#)

*Real estate investing platform where investors can buy/sell fractions of rental properties akin to buying stocks of companies.*

- Created React frontend with a shopping cart that dynamically calculates total monthly rental income for investors.
- Integrated Bootstrap admin template to rapidly develop the user interface.
- Developed RESTful Rails API backend with endpoints for investors, properties and holdings.
- Utilized JSON Web Tokens (JWT) to restrict access to sensitive investor information until logged in.

### Star Runner - [Visit](#) | [Frontend](#) | [Backend](#)

*80s inspired space shooter game.*

- Utilized Phaser game engine to handle game physics, logic, movement, rendering and animations.
- Employed Ion Phaser wrapper that enables compatibility for React.
- Developed RESTful Rails API backend with endpoints for players and high scores.
- Designed all game assets with Adobe Illustrator to create a unique game world.

## TECHNICAL SKILLS

Javascript (Typescript), React with hooks, Next.js, HTML5, CSS3, Tailwind, GraphQL, Ruby on Rails, Heroku, Git, Adobe CC

## EDUCATION

### University of Arizona Online - August 2022 - May 2024 (Expected Graduation Date)

- Bachelor of Applied Science in Applied Computing (Software Development)

### Flatiron School - Seattle, Washington - 2019

- Full Stack Web Development, Ruby on Rails and JavaScript in person program

### University of Arizona - Tucson, Arizona - 2015 - 2018

- Coursework completed towards a Bachelor of Arts degree in Economics (did not complete)