NICHOLAS**WERNER**

LOCATION New York, NY   **CELL** (949) 241-0677   **E-MAIL** nswerner@ucdavis.edu   **PORTFOLIO**   **GITHUB**   **LINKEDIN**

TECHNOLOGIES React, Redux, JavaScript, Ruby, Rails, HTML, CSS, Canvas, jQuery, SQL, git, AWS S3, Heroku, Adobe Photoshop, Google Adwords, Google Analytics

SKILLS Leadership, Management, Test Driven Development

PROJECTS

Handmade   (React, Redux, PostgreSQL, Ruby on Rails, HTML, CSS, AWS) | *Sole Developer*   live | github
A single-page Etsy clone where users can buy and sell products
- Reduced server load by implementing eager-loading with a comprehensive RESTful API.
- Increased scalability by storing product images on AWS Cloud Servers, keeping the local heroku server lightweight and responsive.
- Enforced frontend and backend user authentication to maintain user autonomy of their listed products and shopping cart, privatizing users' carts, orders, and personal information.

Mass   (JavaScript, Canvas) | *Sole Developer*   live | github
Agar.io game clone where its eat or be eaten!
- Developed AI opponents that make real-time decisions with information from their environment.
- Delegated window.requestAnimationFrame to the camera object, decreasing time complexity from Big O(n) to Big O(1) by reducing AI decision making logic on portions of the playfield unseen by the player.
- Utilize the client's device-pixel-ratio to render a full screen canvas element that functions seamlessly on mobile and desktops of any size display.

EXPERIENCE

Owner, CEO

Game Room City   Jan 2015 - Dec 2018
- Sold company with a valuation of $2.25M.
- Created custom online interfaces with HTML, CSS, and Liquid.
- Improved ad spend conversion rates from 0.018% to approximately 2.5% through careful monitoring of Google Analytics and Google Adwords campaigns.
- Increased online market share from 1.8% to 32% over three years through creating a company brand of highest quality, customer service, and best-priced market option combined with aggressive marketing campaigns and market expansion.
- Hired, trained, and managed five employees in warehousing, payroll, administration, and sales.
- Generated healthy wholesale, retail, and business to business revenue streams through multiple marketing channels.

EDUCATION

Web Development - *App Academy (Winter 2018 - 2019)*
B.S. Environmental Science and Management - *University of California, Davis 2014*