Russell E. Warner

UI/UX Designer/Developer

I am an experienced UI/UX Designer/Developer skilled in various prototyping tools and design system methodologies. With my knowledge in aesthetics, psychology and software development, I take a holistic approach to UI/UX design. While I have solo-architected sites in the past, I am eager to join a team and contribute my expertise in a collaborative work environment. I have education, retail, and financial industry experience.

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Github: https://github.com/russellbits

Observable: https://observablehq.com/@russellbits

Codepens: https://codepen.io/russellbits/

Education/Awards

B.S. Economics, Clemson University, 2007 (Magna Cum Laude)

M.S. Computational Cognitive Science, University of Louisville, 2009

IBM Certification, Developing AI Applications (with Python/Flask), 2023

Student travel award from the Cognitive Science Society (2009)

Graduate Student Fellowship (2008-2010)

President's List, Clemson University, Spring 2002

Dean's List, Clemson University, Fall 2002

Skills

Animation, data visualization, usability and human-machine interaction research, diagramming, wire-framing, information architecture, regular expression construction, Bayesian statistics, bezier curve mathematics, illustration, design systems, storyboarding, technical and scientific writing (published)

Software

Languages	Frameworks/Libraries	Packages/Apps
HTML5	React	Node/NPM
CSS3	Nextjs	Git
Javascript (ES6)	Supabase	Figma
Typescript	Redux	D3
Markdown	Vite	Three.JS
SVG	Tailwind	Anime.JS
GraphQL	Svelte	Snap.svg
AIML	Langchain	Sketch
Python		Storybook

Work Experience

Whatniow.is [digital online organization](#)
NextJS/Supabase Developer (January 2021 to August 2023)

‣ Developed a proof-of-concept auction software using React, Next.js, and Supabase.
‣ Enhanced ChatGPT for a medical organization by leveraging the Supabase vector database and Langchain library.
‣ Created a design system for a music sharing software utilizing Storybook.

Phylos Bioscience, Inc. 959 SE Division St, Suite 420, Portland, OR 97214 [phylos.bio](#)
Front End Developer (June 2016 to August 2019)

‣ Developed and implemented visually engaging genetic seal visualization for cannabis strains.
‣ Revamped dashboard UI for cannabis sex test product results using Vue.js, enhancing user experience.
‣ Redesigned customer genotype report with a focus on mobile accessibility and ease of download.
‣ Upgraded static website implementation from Wordpress to node/express framework, incorporating new design system using Storybook.

Themechanism, LLC 440 9th Avenue, 8th floor, New York, NY 10001 [www.themechanism.com](#)
UI/UX Designer/Developer (October 2003 to January 2007)

‣ Co-founded and successfully managed an interactive design firm from 2001 to 2003.
‣ Designed and developed online music stores and customized websites for various music groups.
‣ Created an engaging and dynamic events site for Rock Start Energy Drink's Uproar Battle of the Bands competition.

PrivateLabs, LLC* 59 Maiden Lane, New York, New York 100
UI/UX Designer/Developer (June 2001 to September 2003)

‣ Developed and designed an intuitive user interface for Fotivate, a popular web-based consumer photo manipulation tool.
‣ Designed and executed the administration system for Pinball, a dynamic image server.
‣ Successfully created a user-friendly web-based UI for a photo manipulation tool.

Methodfive* 632 Broadway, 10th floor, New York, New York 10012
Web Developer (March 1999 to May 2001)

‣ Designed, built and tested web sites for clients including, The Economist, Fox Television, Office.com, Xceed, Shopperconnection, and Merrill Lynch.

Freelance Experience

(January 2012 to present)

React/Redux Apps Updated or Maintained (Javascript on Node):

A Place for Mom (aplaceformom.com): Helped to improve core web vitals, SEO and search (Algolia) efficiency. Created new components for article layouts.

US Bank: Updated JSP template files to React components, maintaining current appearance, and to communicate with a new API through Redux.

Blue Diamond Almonds (bluediamond.com): updated features, like nutritional facts caching, canonical links, new methods of meta tag construction and general upgrade of multiple node packages to latest versions with updated components.

CMS-driven Web Sites Built, Upgraded or Maintained (PHP/Javascript):

Portland Japanese Garden (japanesegarden.com): updated features, like weather alerts, to allow client to customize messages, and show messages across multiple site sections.

Discoverorg (discoverorg.com): updated main site with new animated feature elements, assisted in re-structuring of content, menus, and the addition of a mobile (responsive) menu. Also made changes to Wordpress core elements and SASS files to increase speed of site. Incorporated lever.co RESTful API into Wordpress templates.

The National Dropout Prevention Center (dropoutprevention.org): maintained original Drupal site, entering content, installing plug-ins, organizing print publications store. Built a new site for NDPC, transitioning them from Drupal to Wordpress. This included implementing a new design in templates and helping to migrate content. Moved digital publications to Amazon stores.

Oregon Forestry Research Institute (learnforests.org): assisted team in updating Drupal site to new design templates. Also created a small app (with Jquery elements) to acquire teaching resources and lesson plans.

Custom Programed Web Components:

Holiday Day Inn Express (http://bit.ly/Jg6ir2): Created an Asian-Pacific Locations map with interactive Google maps and RESTful API, featuring interactive availabilities based on locations.

The National Dropout Prevention Center (http://bit.ly/2e1M9Wk): Built the "Model Program Database" RESTful API linked to an Angular web-based user interface to the database.

DiscoverOrg Marketing (itorgcharts.com / finance-contacts.com): created Angular interface for sampling from corporate RESTful API, via a proxy to protect deep levels of the database.

Rock Star (http://bit.ly/2dS9Sd4) created and built original design templates for Uproar Battle of the Bands 2013.

IA Template Packages (https://bit.ly/3lg4P8Q) created and built an IA Writer template package for transforming markdown into a screenplay format.