

Claire Niederberger

EXPERIENCE

Be Nice Works | Founder | 10/2023 – Present | CHICAGO, IL & REMOTE

Be Nice Works is a boutique software studio based in Chicago. We take a design-centered approach to creating beautiful code.

Projects include:

Rapid prototyping for the full stack Lost Arts social art web application.

Maintenance and development of the Good Energy Stories environmental nonprofit site.

Development of the Good Energy Stories Climate Reality Check site, featured in NPR, the Los Angeles Times, Variety, The Hill, IndieWire, and The Hollywood Reporter.

Development of the Imaginable Futures 2023 Impact Redefined report site.

Development of the Silhouette AI application marketing site.

Stitch Fix | Principal Software Engineer | 2/2022 – 10/2023 | REMOTE

Lead our Federated Apollo GraphQL Gateway effort, written with TypeScript and Node. Responsible for telemetry, stability, and ongoing design of this central system.

Collaborate with product and platform teams to design integration layers with cross-cutting architectural concerns.

Write, socialize, and maintain systems design documentation.

Mentor early-career engineers.

Stitch Fix | Lead Software Engineer | 12/2018 – 2/2022 | REMOTE

Take point on our site's onboarding front end web application, written with React.

One of a small group of IC's leading the effort to transition the company to TypeScript.

Lead the development of an integration between algorithms systems, expert-use tools, and a consumer facing application.

Collaborate on a special team to pilot influencer-based shopping.

Mentor early-career engineers.

Advocate for and implement web accessibility standards and best practices.

Belvedere Trading | Developer | 4/2017 – 10/2018 | CHICAGO, IL

SKILLS

Technical

TypeScript, JavaScript, Node, Express, React, Next.js, Front End Integration Layers, Front End State Management, Data Visualization, Single Page Applications, Apollo Federation, GraphQL, Git, Testing, Monitoring, Documentation, Technical Writing, Semantic HTML, CSS, Web Accessibility, Human-Centered Design, Visual Design, Rapid Prototyping, Collaboration, Python, Flask, Postgres, SQL, Prisma, NoSQL, Heroku, Docker, CircleCI, Continuous Integration

Irrelevant, but interesting

[Cartooning](#), Raspberry Pi, Laser cutting, Painting, Woodworking, Audio Production, Metalworking, 3D Printing, Sewing

EDUCATION

Rhode Island School of Design

2010 – 2014 | PROVIDENCE, RI

BFA, Graphic Design

English Concentration

History Concentration

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Develop sophisticated financial and business software for three products. Work with stakeholders and executives from the initial ideation stage and user research through fullstack technical implementation using React, Flask, and SQL databases.

Replatform trading tools in TypeScript, rewrite front end of market simulation tools.

Propose, prototype, and implement novel data visualization strategies using libraries including, but not limited to, Three.js.

Develop lecture series on visual design for engineers, and mentor interns.

Magic+Might | Designer/Developer | 11/2015 – 10/2016 | CHICAGO, IL

Design and engineer a proprietary tool for UI designers to manage tens of thousands of versions of SVGs for a major auto company. Written in Node with a vanilla JavaScript frontend.

Design and develop screen and physical prototypes for autonomous cars using a range of technologies, from Raspberry Pis to 3D mockups.

C&G Partners LLC | Designer | 6/2014 – 10/2015 | NEW YORK, NY

Design digital interactive experiences, environmental graphics, exhibits, identities, advertisements, and publications for both the firm's interactive and exhibit teams. Develop websites and museum interactives.

Solve design problems programmatically, such as contributing to a 2015 SEGD Merit Award Winning donor wall by writing a system in Ruby to place 2,700 names according to client-specified constraints. The script saves the company \$25,000 each year.

Morningstar, Inc | Design Intern | Summer 2013 | CHICAGO, IL

Production Designer, Morningstar Advisor Magazine and Morningstar Investment Conference Daily.

NPR (WBEW, Vocalo.org) | Intern | 2008 – 2010 | CHICAGO, IL

Report President Obama's 2008 election night live on air; broadcast received the 2nd place award for Best Election Night Coverage from the Indiana Chapter of the Society of Professional Journalists.

Discuss a variety of topics with other hosts on air weekly. Produce narrative radio segments, including an award-winning piece on the impact of gun violence.