

# Amanda Simonds

## User Interface Engineer & Designer

Design minded front-end engineer, focused on developing efficient UI building systems, from component libraries, to design-development collaboration, to the front end.

📍 Knoxville TN / Remote

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## Experience

### UI Engineer, IHS Global May 2021 - May 2023

- Delivered high quality, consistent user interfaces for a large data platform application in it's beta phase
- Lead on creating a design → development process for multiple teams to build a consistent UI from the ground up
- Contributed to a component/pattern library to communicate the UI/UX rules to developers, and led on creating the contribution process for the library
- Built a high fidelity prototype app that simulates the actual data platform app. This prototype was used for research, usability testing, and POC, and resulted in 100s of points of user data for UI/UX research.
- Work alongside the design and product team to bring their concepts into testing, and into reality on the front-end.

### SQA Analyst, IHS Markit Oct 2020 - May 2021

- Worked on a team in greenfield development environment, to set up virtual workspaces for the project
- Collaborated with team members to research new languages and tools, including AWS tools and Terraform, to build a framework to work on
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### Code Sensei, Code Ninjas Aug - Oct 2020

- Provide students with innovative coding problems to challenge their problem solving skills. Coding projects are in Python and JavaScript.
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## Education

**Full Stack Development Certification**  
University of Denver, 2020

**Masters of Arts in Teaching & Bachelors of Fine Arts**  
Maryland Institute College of Art, 2015

## Skills

### Languages

JavaScript, TypeScript, HTML, CSS, Sass

### Libraries & Frameworks

Angular, React

### Tools & Platforms

Git, GitHub, Figma, Azure DevOps, AWS, Storybook, Netlify, G6 Graphs, eCharts, Keylines

## Projects

### Data Platform Prototype

High fidelity prototype of a beta release data platform application. This prototype was used for research, usability testing, conceptualizing, and displaying UI/UX Design team's vision.

### Aurora Pattern Library

Designed in Figma and built with Angular/Storybook, this is an Angular library of components with light and dark mode (in progress)

### Stream Ed

A React app that streamlines online education needs into one place. A tool to be used by teachers and students in a virtual world. Inspired by my experience as a teacher in 2020

## Interests

Rock climbing, craft beer, live music, camping