

Trenton Brew

Full-Stack Developer / Interaction Designer

trentbrew.com [636-515-1293](tel:636-515-1293) tbrew1023@gmail.com github.com/tbrew1023 linkedin.com/in/trent-brew-19a4a7181

Education

Missouri University of Science and Technology Computer Science + Human-Computer Interaction Minor

August 2016 - May 2017

- Participated in Sig-Game Web, an organization tasked with building websites and web apps for different organizations around campus.
- Utilized several JavaScript frameworks including Vue.js and React.js

DePaul University User Experience BS (Development Concentration) + Computer Science Minor

August 2017 - December 2020

- DePaul User Experience Association
- Go/Chess Club
- InterChorus Acapella
- DePaul Vocal Jazz Ensemble
- Competitive Super Smash Bros. Club

Experience

HBR Consulting DevOps Lead

March 2020 - Present

- Developed Full-Stack web application for internal cross-functional knowledge management platform.
- Developed front-end using Vue.js and SCSS.
- Developed back-end and authentication using Node.js and Firebase.
- Implemented bulk CSV database imports and exports via Node.js and Firebase Admin API.
- Built and maintained infrastructure and tools to streamline development and deployment.
- Conducted usability research and user interviews.
- Designed app wireframes and mock-ups using Figma.

Raster.video Full-stack Web Development

October 2020

- Developed front-end for portfolio builder client-facing CMS web app using Vue.js and SCSS.
- Developed back-end using Firebase and Node.js
- Designed logo using Figma.

Ericzzli.com Front-End Web Development

July 2020

- Developed front-end for graphic design portfolio using Vue.js and SCSS.
- Interfaced with back-end client-facing CMS using Firebase and Node.js

Nihal.tv Front-End Web Development & UX

October 2019

- Designed mock-ups and wireframes for film portfolio site using Figma.
- Developed front-end using Vue.js and SCSS.
- Interfaced with back-end client-facing CMS using Firebase and Node.js

Coding Dojo Mentor

January 2015

- Trained young coders and helped introduce them to the world of software engineering with basic game development, web design, and mobile app development.
- Used HTML, CSS, JQuery, and GameMaker to help kids build interactive experiences.

Summary

I'm a creative technologist specializing in Full-Stack Web Development, Graphic Design, and UX/Interaction Design. I craft software with both usability and beauty in mind, fueled by a passion for creating experiences that are equal parts functional and fun.

Research

Monday.com Usability Analysis

Winter 2019

- Conducted user research on the Monday.com productivity tool.
- Research included user interviews, usability tests, and questionnaires.

Material Design HCI Analysis

Fall 2016

- Analyzed Google's Material Design philosophy and guidelines.
- Delinated Material Design's origins, and what developers and designers can learn from it.

Design Tools

Figma Sketch Invision Studio
Axure RP Adobe XD Adobe Photoshop
Adobe Illustrator Adobe InDesign
Adobe Animate

Front-end Skills

Vue React Angular HTML5
CSS/SASS JavaScript/ES6 JQuery
Bootstrap VisualBasic Webflow
Flutter

Back-end Skills

Node Firebase Git Linux Bash
Java C C++ SQL Ruby on Rails
MongoDB XML