



# Trent Brew

Interaction Designer / Full-Stack Developer

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## 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.
- Used several JavaScript frameworks including VueJS and ReactJS.

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

August 2017 - PRESENT

- Go/Chess Club
- InterChorus Acapella Group
- Competitive Super Smash Bros. Club
- Chicago Knights Robotics Mentor

## Experience

### Backpack Barber - Graphic Design and UX

January 2017 - PRESENT

- Built mobile app mockups/wireframes using Axure RP.
- Built front-end for app using Google's Flutter framework.
- Designed company logo using Adobe Illustrator.

### CenturyLink - Coding Dojo Camp Mentor

January 2015

- Trained young people 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.

## 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 why developers and designers should be using it.

## Summary

I have a creative and process driven approach to design, focusing first on usability and then on beauty. I believe a website or app should be a fun interactive experience instead of just a menu and a stylesheet. I have sketched designs for user interfaces since I was a kid, I've been coding them up for a few years and now I'm excited to learn how to build them at scale.

## Projects

#### JavaScript Beat Machine:

tbrew1023.github.io/drummer-boi

#### Jquery Puzzle Game:

tbrew1023.github.io/totally-not-battleship

#### Locksmith Website:

quickkeys.net

#### Sonic Velocity Fangame:

gamejolt.com/games/sonic-velocity/18934

#### Sonic GX Fangame:

drive.google.com/file/d

## Design Tools

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

## Front-end Skills

HTML   CSS/SASS   JavaScript   CoffeeScript  
JQuery   Bootstrap   ReactJS   VueJS  
AngularJS   VisualBasic   Flutter

## Back-end Skills

Java   C   C++   SQL   NodeJS  
Ruby on Rails   MongoDB   XML  
Firebase/Firestore   Git   Linux   Bash