

Jeff Ashear

Full Stack
Developer

Spokane, Washington 303.898.3638 jeffvashear@gmail.com

LinkedIn: <https://www.linkedin.com/in/jeff-ashear>

GitHub: <https://github.com/Jeff-Ashear>

Portfolio: <https://jeff-ashear.github.io/>

About

Award-winning composer with relevant experience building object-based virtual instruments, sound-sculpture, and interactive installations. I enjoyed programming audio tools and toys immensely, and so went on to become a software developer. I have a genuine passion for designing clear, attractive, intuitive UX/UI that creatively guides users through their information, making complex tasks feel playful and engaging.

Technical Skills

Languages: Javascript, MaxMSP, PureData

Front-end: React, JQuery, D3.js, Angular.js, Bootstrap4, CSS, HTML, Handlebars

Back-end: Node.js, Express.js, JSON, RESTful APIs

Data: SQL, MongoDB, MySQL Workbench, Robo 3T, Mongoose, Firebase

Quality: Postman, Agile (Scrum, Kanban), Source Control (GIT), Testing (Protractor)

Other: Heroku, Logic, SPEAR, Ableton Live, Max for Live, cueMix, REAPER, Audacity

Currently learning: Ruby on Rails, Python

Experience

TeamLIMS / Application Developer

2020-Present, Spokane WA

Developed an enterprise Laboratory Information Management System:

- Developed work order status system, scheduling system and integrated the two with a location catalogue
- Developed workflow and interface for the status and scheduling systems
- Modified existing test architecture to make it easier to separately run function tests and work flow tests by modularizing Protractor script files
- Wrote scripts to test work order and scheduling function as well as workflow

Developing a user-focused, AI assisted team management application, SquadRun:

- Assisted in conceptual design to focus on team health and member growth
- Designed and built Registration/Login/Recovery pages
- Built landing space and toolbar following mockups and direction
- Designed logo and participated in branding

Creative Blue Media / Full-stack Web Developer

June-August 2020, Spokane, WA

Developed a full-featured Client Dashboard

- Designed and built a D3.js/React powered interactive radial bar graph that:
 - intuitively communicates progress of one or multiple projects
 - scalable to show various levels of detail
 - interactions reflect and are reflected by the state of other page elements
 - shows clients the relationship between their money and our work
 - prototype repo: <https://jeff-ashear.github.io/Sunburst/>
- Co-designed workflow and site architecture
- Co-built a chat client and notification system using React and SQL

- Co-built an automated work order-generating questionnaire using React and SQL
- Co-built a billing system using the Stripe API

Self-Employed / Composer

2009 - 2020, Denver, CO

- Composed and performed award-winning works of music
- Ensemble coaching
- My music has been performed in concert halls across the U.S. and Europe in concert halls at recitals, conventions, and competitions
- My music pushes the boundaries of the art utilizing the latest technologies to invent entirely new performance practices and immersive, challenging listening experiences
- Invention of paleographic solutions to clearly communicate performance technique extensions and manage musical complexity through traditional notation

Projects:

RemeDEES sales site

- Worked with the client to manage legally sensitive sales conditions using Stripe API to limit sales of CBD infused artisanal soaps to within the state of CA only
- Built a product catalogue using JSON
- Built a product viewing filter using JQuery and SCSS
- Designed UX flow and managed or created all content

Deployed: <http://www.reme-dee-s.com/>

Sproso:

- Full stack MERN app with a robust database structure
- Provides game-ified social goal tracking for staying connected during stay at home
- Creator and lead developer and UI/UX designer
- Uses MySQL, React.js, React Bootstrap, custom CSS animations, Axios, and the DoppelMe API

Deployed: <https://tinyurl.com/sproso> Repo: <https://tinyurl.com/sproso-repo>

Google Books Search:

- Lightweight MERN stack app allowing the user to search Google Books using its api to see relevant info, view and purchase externally, and save it to a database
- Solo project: MongoDB, Mongoose, MLab, Axios, React.js, React Bootstrap

Deployed: <https://tinyurl.com/book-searcher> Repo: <https://tinyurl.com/book-searcher>

gamer.Ready:

- A fan hub and market research tool, makes persistent commonly searched-for data about released and upcoming games
- Creator and lead developer. Full stack work. Uses Javascript, Bootstrap, JQ, ajax, JSON, APIs from RAWG, OGDB, YouTube

Deployed: <https://tinyurl.com/gamer-ready> Repo: <https://tinyurl.com/gamer-ready-repo>

Education

University of Denver / Coding Bootcamp

Certificate course covering full stack web development and methods for continued study

University of Denver / Masters of Music, Composition

Developed my own path of independent study to incorporate digital tools into modern concert music creation. Softwares include Logic, MaxMSP, PureData, SPEAR, Ableton Live, Max for Live, cueMix, custom tools for decoding and specialisation

Montana State University, Bozeman / Bachelor of Arts

Specialization in classical guitar performance, recording engineering and composition
Graduated with honors

Awards

Multiple competition awards for new works of music

DU Outstanding Composer, Lamont School of Music

DU Playground Commission Award, Lamont School of Music

MSU Community Service Award

MSU Award for Excellence