Erik Benepe

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Skills

Languages | Javascript (incl. Node JS), HTML, CSS, Max/MSP/Jitter
Databases | Firebase, MongoDB / Mongoose
Frameworks & Libraries | Express JS, React, React Router
Other | Git, Agile Development, Trello, Adobe Illustrator, Adobe Premiere, Ableton Live, Pro Tools

Education

Burlington Code Academy - *Professional Certificate* - Software Development Bootcamp
- Learned web development using MERN stack (Mongo, Express, React, Node JS), Javascript, HTML/CSS
- Collaborated on a capstone project for an external client using Agile development practices, Git / GitHub

New York University - *Master of Music Arts* - Music Technology
- Studied audio engineering, mixing, mastering, and film scoring using Pro Tools, digital signal processing using Python, sound design, generative composition, and instrument development using Max/MSP
- Master's Thesis: Creating an Interactive Music Video with Max/MSP, Jitter, and FaceOSC

Middlebury College - *Bachelor of Arts* - Music Composition
- Senior Work: Field Recording and Remixing Traditional Ugandan Xylophone Music

Technical Projects

POOP (Web Application / Healthcare Data) | *Firebase, React, React Router, HTML, CSS* | GitHub
- Developed the Post Operation Observation Project (POOP) in a team using Agile practices and Git to create an easy platform for patients to report important medical information to providers
- Created a web login UI with React and CSS, allowing patients and providers to create accounts and sign in using Firebase authentication, in order to provide a secure but simple user experience
- Constructed site pages and architecture using React and React Router, and conditionally rendering elements based on authentication states, to create a RESTful single page web application

Yelpington (Web Application / Restaurant Map) | *Express, React, React Router, Leaflet, HTML, CSS* | GitHub
- Designed and developed a single page web application utilizing React, React Router, and Leaflet to create an interactive Yelp-style site that allows the user to explore restaurants in Burlington, VT
- Utilized an Express server to connect to OpenStreetMap API for geo-location
- Used CSS to style the page to create optimal simplicity and a streamlined user experience

React Chat (Web Application / Chatroom) | *MongoDB, Express, React, React Router, HTML, CSS* | GitHub
- Created a real-time chat room application using Mongoose and Express to store and display messages
- Developed navigation functionality, assigning each database entry a category and reading from the database by message category, in order to allow user to view separate chat rooms organized by topic

Work Experience

Vermont Craft Mead (2014-2017) | *Brewer, Creative Director, Brand Manager, Designer*
- Served as creative director/head brewer of Havoc Mead, one of the company's mead brands
- Managed and defined brand identity for Groennfell and Lord Colchester brands for their distinct markets
- Designed all marketing materials, labels, logos, and merchandise for all brands, while maintaining stylistic standards and discrete brand identities