

# Ben Hammond

Software Engineer in Denver, CO | [hello@benhammond.tech](mailto:hello@benhammond.tech)

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## PROFESSIONAL EXPERIENCE

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**Software Engineer** | Morehouse School of Medicine, Satcher Health Leadership Institute (Jul '21-Current)

- Identify new data sources for the Health Equity Tracker by working across disciplines with the senior developer, product manager, SHLI leadership, and policymakers
- Follow agile principles on a two-week sprint cycle to ideate, build and launch new features to better serve the needs of users; ensure that the tracker is usable, accessible, and reliable
- Communicate with Google.org team on project handoff, prioritization of outstanding issues, future goals

**Owner and Professional Musician** | Ben Hammond Music ('06-Current)

- Doubled project fees, maintained 5-star reviews by implementing cloud-based management software
- Contracted 3,000+ paid shows in 29 states and 9 countries, including at the Montreal Jazz Fest, for the Baltimore Orioles, and with members of Jimmy Buffett's Coral Reefers
- Exhibited excellent communication and team leadership producing 3 albums, selling 14k+ discs
- Cultivated opt-in email list and social media presence with over 10k followers and 175k YouTube views
- Pivoted to streaming during COVID, accruing 20k views and exceeding normal hourly earnings by integrating virtual tip jars. Resulted in ongoing contracts for SketchUp's virtual international conferences

**Freelance Web Developer** ('04-Current)

- 17 yrs building websites, showcasing dynamic client details and embedded media for multiple clients
- Created custom Python command-line interfaces (CLI) using BeautifulSoup and Selenium to extend 3rd-party web services, automating repetitive business tasks and saving user an average of 5 hrs/week

## SELECTED PROJECTS

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**Little Cabin** (May '21)

- Python (Django) service offering secure property management tools and tiered permissions for users
- Syncs consensus-based scheduling with Google Calendar API using a Google Cloud Platform service account; Heroku deployment required customized configuration to generate required credentials file
- PostgreSQL database via Django ORM; AWS integration allows group restricted user-uploaded images
- Displays weather via custom template tags; methods fetching external APIs have automated unit tests
- Prioritizes responsive design with media queries and CSS variables; persistent dark mode toggle selection

**Gigboard** (Mar '21)

- JavaScript app for finding gig-work opportunities; built using MERN stack (MongoDB, Express, React, Node)
- CRUD via RESTful API, restricted per user status; custom encrypted registration and Google OAuth
- Personally contributed across the stack: scaffolding functional React components; dynamic searching, useState() and useEffect() hooks for state management and side-effects; assisted with JWT process
- Project-managed team of 6, utilizing GitHub's agile board to track user stories, delegate issues, and minimize merge conflicts. Received the highest possible score on the anonymous post-project peer reviews
- Wrote 3 technical posts, assisting team members with deployments and environmental variables; provided hands-on assistance on multiple occasions and helped instructor solve another team's bug

## EDUCATION

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**McGill University, Montreal, QC Canada** | Bachelor of Music, Honours in Music Technology

- Foundational Comp. Sci. coursework in C++, Java, Data Structures/Algorithms, big(O) notation

## COURSES AND CERTIFICATES

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**Advanced React + GraphQL** | Next.js, Keystone.js, Jest + React Testing Library (22 hrs, currently completing)

**General Assembly** | Software Engineering Immersive, Full-Stack (420 hrs, Fully Remote; Nov '20 - May '21)

## SKILLS

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JavaScript (React, Node, TypeScript), HTML, CSS, Git, GitHub, Heroku, Python, Unit Testing, MySQL, NoSQL