

# Robert Cheeseman

Software Engineer

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## TECHNICAL SKILLS

**Languages:** CSS3, ES6, HTML5, JavaScript, Python

**Frameworks:** Bootstrap, Flask, React, JSON syntax

**Database:** ElephantSQL, Firebase, NoSQL, Postgres, SQL

**Audio:** Avid Pro Tools, Logic Pro X, Izotope

**Other:** Adobe Creative Suite (Photoshop, Premiere), Microsoft Office (Word, Excel, PowerPoint)

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## SOFTWARE DEVELOPMENT PROJECT

**Song Deck (Full-Stack Project):** [[GitHub](#)] – A platform built for users to discover new music via a random search algorithm

- Designed Song Deck platform using React Framework, JavaScript, HTML, and CSS to deliver a random song from the Spotify API to a user to encourage the discovery of new artists and bands.
  - Established OAuth for accessing Spotify API and SDK Auth via Firebase to manage login credentials and allow users to create accounts.
  - Implemented a Firebase database to store and retrieve individual users saved songs via CRUD methodology.
  - Produced a custom set of front-end graphics and branding with Adobe Photoshop to provide users with a highly engaging UI to prioritize a detailed and friendly user experience across the entire website.
  - Road mapped future features to add integration with Spotify app via new JS functions to encourage user to save and listen to saved songs within their personal Spotify account.
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## EXPERIENCE

**Coding Temple / Associate Instructor (Remote)**

11/2022 – 09/2023

Assisted current students with debugging of numerous classroom projects across various coding languages including Python, Flask, JavaScript, CSS, and HTML.

- Led 4x weekly Codewars workshops to enable students to grow accustomed to working in teams while coming up with solutions to coding problems.
- Helped with on-boarding of new students via 2x weekly pre-work workshops to ensure a solid foundation of bootcamp necessary skills were in-place before start date of students.

**Coding Temple / Software Developer**

08/2022 – 09/2023

- Solved numerous front-end and back-end functionality problems by writing unique functions in Python and JavaScript to process and manipulate information.
- Created a real time data app with a public API via GET and POST requests to show the required needs based on queries of clients.
- Developed a full-stack e-commerce website using React, Flask, and ElephantSQL that allows customers to browse available products and fully manage their desired purchases.
- Built a fully responsive website for a recording studio with Flask and HTML/CSS to better attract potential clients.

**Freelance Audio Engineer (Denver, CO)**

10/2018 – 06/2022

- Managed numerous recording projects from start to finish: handling all scheduling, booking, pre-production, tracking, mixing, and delivering final mixes to meet client's full expectations and stay within the client's timeline and budgets.
- Provided professional consulting and feedback with each client to help determine their needs for recording and sound requirements.
- Label Clients include: Bridge 9, Rise, Asian Man, Reveille, State of Mind, Useless Pride

**God City Studio / Audio Engineer (Salem, MA)**

01/2014 - 08/2018

*Grammy Nominated/Winner, Best Metal Performance 2019 – (Assistant Engineer: High On Fire “Electric Messiah”)*

*Grammy Nominated, Best Metal Performance 2018 – (Assistant Engineer: Code Orange “Forever”)*

- Co-teamed engineering & recording duties during all sessions while pursuing detailed goals on how certain elements of a recording were meant to sound according to each client’s individual needs.
- Helped to launch “God City Instruments” brand, offering small run, boutique collections of guitar pedals.
- Meticulously manufactured and assembled numerous guitar pedal designs to minimize build errors leading to higher customer satisfaction with end product.
- Label Clients include: Roadrunner, eOne, Epitaph, Deathwish, Pure Noise, Sargent House

**Massachusetts Institute of Technology / Lead Audio Visual Technician (Cambridge, MA)**

01/2014 - 08/2018

- Led teams to set up and strike audio/visual systems for events ranging in size from intimate classroom settings up through multi-day corporate conferences and symposiums throughout campus.
- Executed all technical requirements of live events based on customer requirements including audio, video, and capture with equipment such as audio mixers, projectors, and hard-disk recorders to ensure seamless run-of-show for clients and attendees.

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## EDUCATION

**Coding Temple**, Full-Stack Software Engineering Curriculum Certificate

**Virginia Polytechnic and State University**, Bachelor of Interdisciplinary Studies, 3.6 GPA Magna Cum Laude

**Conservatory of Recording Arts & Sciences**, Master Recording Program II, 4.0 GPA