

# Joseph Dumas

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<https://github.com/jdumas293>

## SKILLS

JavaScript, Express, Sequelize, Python, Flask, SQLAlchemy, React.js, Redux, AWS S3, SQL, Git, HTML5, CSS3

## PROJECTS

### Juke

<https://sound-v2.onrender.com> | <https://github.com/jdumas293/soundcloud-clone.git>

*SoundCloud clone built with JavaScript, Express, Sequelize, React, Redux, AWS S3, HTML5, and CSS3.*

- Built an audio player with volume controls and scrubbing functionality allowing users to listen to tracks they have uploaded, and discover new tracks uploaded by other users.
- Utilized AWS S3 to implement user audio uploads, and user image uploads, reducing server load and allowing for scalability of audio and image services.
- Utilized Socket.io and React to implement direct messaging functionality, allowing users to communicate with one another directly within the application.

### Holy Grail

<https://holygrail-odpz.onrender.com> | <https://github.com/SA-Ark/HolyGrail.git>

*Grailed clone built with Python, Flask, SQLAlchemy, React, Redux, HTML5, CSS3.*

- Worked collaboratively with three other engineers to build and deploy a marketplace for buying and selling clothing.
- Implemented a search and category filter allowing users to efficiently locate desired items, improving the overall shopping experience.

### Cribz

<https://airbnb-clone-q42e.onrender.com> | <https://github.com/jdumas293/Cribz.git>

*AirBnB clone built with JavaScript, Express, Sequelize, React, Redux, HTML5, CSS3.*

- Utilized AWS S3 to implement user image uploads, reducing server load and allowing for scalability of image services.
- Utilized Google Maps API to show users the location of spots on a map, improving the overall user experience.

## EXPERIENCE

### Summer Intern,

#### Lab Technician

*Motor City Lab Works, Jan 2020 - Jan 2022*

- Processed 3D scans and designed metal orthodontic appliances using CAD software.
- Utilized proprietary software to build efficient print jobs and maximize printer output.
- Trained new employees on proper use of CAD software and printer maintenance.
- Collaborated with team leads on a process mapping project to optimize internal workflow and improve client outcomes.
- Developed and implemented procedural modifications to the workstream resulting in improved production.

### Student Run Business Program

*Marquette University, Jan 2019 - May 2019*

- Created a business plan for a student run promotion company aimed at providing music based entertainment to residents of the greater Milwaukee area.
- Completed due diligence research on venues, insurance and talent, and compiled survey driven data to substantiate concept interest and profit potential.
- Designed and delivered multiple presentations to students, program directors, and investors - granted first round funding by investors for a Phase 1 project launch.

## EDUCATION

**App Academy** - Immersive software development course with focus on full stack web development (Spring 2023)

**Marquette University** - BA - Business Economics (Spring 2022)