

# Christopher Leja

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[GitHub](#) | [LinkedIn](#) | [Medium](#) | [Portfolio](#)

## SOFTWARE ENGINEER

Full stack software engineer with experience in Ruby and JavaScript frameworks. Creative, curious, and communicative.

## TECHNICAL SKILLS

PROFICIENT IN: JavaScript, React, React Native, Redux, Ruby, Rails, HTML5, CSS3, SCSS, PostgreSQL, MySQL

WORKING KNOWLEDGE: TypeScript, Node.js, Python, Django, MongoDB

## PROJECTS

MAIESTRO – A music app designed to jumpstart creativity [Frontend](#) | [Backend](#) | [Video Demo](#) | [Live Demo](#)

- Designed and implemented a PostgreSQL relational database, allowing users to save songs
- Connected user songs to a neural network that continues the original melody, helping users avoid blockages
- Implemented a dynamic, customizable keyboard, allowing users to change instruments, octaves, and range
- Utilized Ruby on Rails to create a RESTful backend API with React and Redux on the frontend

DRUMLR – A virtual drum machine [Frontend](#) | [Backend](#) | [Video Demo](#)

- Implemented user interface using React to allow users to create dynamic, custom beats
- Utilized midi-sounds-react library to retrieve samples, allowing users to create, play, and edit sequences in real time
- Designed and built a relational database using PostgreSQL
- Built a RESTful API backend with Ruby on Rails and a React frontend

SUPER PET BROS. UNLEASHED – A Pokémon style browser game [GitHub](#) | [Video Demo](#)

- Implemented battle logic and combat mechanics with vanilla JavaScript
- Used Rails as a backend API to save new champions with their selected move sets
- Utilized JavaScript and CSS3 to render dynamically updating pages based on user input and battle information
- Designed and created a relational database with PostgreSQL, allowing users to save champions and move sets

## EXPERIENCE

SANS SERIF San Francisco, CA  
Writer, IMPACT Conference 2019-20 04/2019 – 09/2020

- Wrote and reviewed materials for [Charles Schwab's IMPACT Conference](#) to ensure quality and clarity
- Created guide materials clarifying workshops and speaker biographies for thousands of conference attendees

CLEAN FUELS DEVELOPMENT COALITION Bethesda, MD  
Communications Consultant 02/2019 - 02/2020

- Collaboratively developed long-term media strategies and handled media outreach for a national ad campaign
- Oversaw social media campaigns that generated over 50,000 new engagements
- Collaborated on campaigns resulting in core messages appearing in [Forbes](#), [The Hill](#) and the [Des Moines Register](#)

SELF-EMPLOYED Traveling  
Teaching Artist/Freelance editor 02/2012 - 02/2020

- Orchestrated and executed multiple national and international tours as a teaching artist
- Designed, organized and conducted hundreds of readings and workshops in universities, high schools, venues, and juvenile detention facilities

## EDUCATION

FLATIRON SCHOOL Brooklyn, NY  
Full Stack Web Development, Ruby on Rails and JavaScript program 02/2020 - 06/2020

LEWIS & CLARK COLLEGE Portland, OR  
Bachelor of Arts, English Major, Communications Minor 05/2012