

Leo Cheng

Software Engineer

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Skills

Languages

Javascript, Typescript, Ruby, HTML, CSS, SQL

Frameworks / Tools

React, Redux, Ruby on Rails, Jest, jQuery, MongoDB, Express, Node.js, Mongoose, PostgreSQL, Webpack, Git, Heroku, AWS

Projects

MeetGreet

Full stack clone of Meetup, a platform for joining groups and attending events

- Designed back-end database for users, groups, and events using Ruby on Rails with PostgreSQL
- Exposed API endpoints for front-end rendering, fetching, authentication, and searching
- Utilized Typescript with the latest versions of React, Router, and Redux libraries to provide robust front-end state management and a smooth user experience
- Implemented tests using Jest and React Testing Library, covering key components, API calls, and user events
- Incorporated AWS S3 for photo storage, allowing users to set custom avatars

JS Billiards

Simple browser billiards game created with Javascript and HTML Canvas

- Employed Canvas API to render dynamic animations and real-time display
- Developed game interface with collision detection and intuitive controls
- Built game loop for two players with victory conditions and turn logic based on standard 8-ball rules

Professional Experience

Zero Point Zero Productions

Assistant Editor

Apr 2019 – present

- Implemented alternate transcription resources and methods, saving 80% on costs and increasing prep speed by 50%
- Collaborated with production, sound mix, and graphics teams to deliver cuts to networks and clients
- Edited trailers, sample reels, short scenes, and social platform video clips

Senior Media Manager

May 2016 – Apr 2019

- Optimized processing workflow and upgraded storage hardware, improving throughput and lowering costs by 20%
- Processed, ingested, and archived all media shot by production teams
- Maintained records of cards and clips processed by media management team
- Supervised media management team and troubleshooted issues from other teams in post-production department

Education

Boston University

Bachelor of Sciences in Film and TV

2010 – 2014

Boston, Massachusetts