

# Leo Cheng

## Software Engineer

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### Skills

Javascript, Typescript, React, Redux, Jest, jQuery, Ruby on Rails, Rspec, MongoDB, Express, Node.js, Mongoose, PostgreSQL, Webpack, NPM, Git, Heroku, AWS, HTML, CSS, SQL

### 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**

*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

#### **Assistant Editor**

Apr 2019 – present

*Zero Point Zero Productions*

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

#### **Senior Media Manager**

May 2016 – Apr 2019

*Zero Point Zero Productions*

- Optimized processing workflow and hardware, improving throughput and lowering costs by 20%
- Supervised media management team and trained new hires in strict media processing protocols
- Processed, ingested, archived, and logged all media shot by production teams
- Troubleshooted issues across various teams and projects in post-production department

### Education

#### **App Academy Open**

Dec 2021 – Apr 2022

*Immersive full stack software development course*

#### **Boston University**

2010 – 2014 | Boston, Massachusetts

*Bachelor of Sciences in Film and TV*