

Alex Kornfeld

Software Developer

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PROJECTS

LouisKornfeld.com (React) — [Live](#) | [Repo](#)

Actor's website created in React.js, hosted on AWS S3, using AWS Cloudfront.

- Designed the application without the use of external templates or layouts.
- Makes use of CSS media queries and flexbox to create a seamless and responsive user experience that looks great on mobile devices.
- Lazy-Loads embedded videos to minimize unnecessary HTTP requests up top until the user clicks on a video.

Coffee With Strangers (Rails, React, Redux, SQL) — [Live](#) | [Repo](#)

A full-stack web application letting users join and create meetups in their area.

- Leverages custom SQL queries on the backend to populate user's dashboard with meetups, avoiding extraneous database queries.
- Implements custom DateTime parsing function for meetups to extract and format date and time values accounting for different timezones.
- Employs custom validations on the frontend providing the user with error messages and preventing unnecessary HTTP requests.

DOMinos (JavaScript) — [Live Demo](#) | [Repo](#)

JavaScript library allowing for DOM manipulation and traversal.

- Lightweight JavaScript library which provides DOM manipulation functionality and asynchronous HTTP requests.

EXPERIENCE

Magnet Theater, New York, NY — *Theater House Manager*

JUL 2015 - JUL 2017

- Responded promptly to staff concerns and events which might compromise the safety and enjoyment for patrons and performers.
- Analyzed attendance data, providing reports to owners on the efficacy of marketing strategies, resulting in increased ticket sales and attendance.

Private Tutor, New York, NY — *Math & Science Tutor*

JUN 2006 - JUL 2017

- Tutored students in SAT Math, AP Calculus A & B, AP Physics B & C.
- Aided students in raising their average test scores an average of 30%.
- Assisted one student in achieving 200 point increase over practice GRE.

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

SKILLS

Ruby	Rails
React	Redux
JavaScript	jQuery
HTML5	CSS3
Git	TDD
SQL	OOP
Responsive Design	Google Analytics

EDUCATION

App Academy

Rigorous 1000-hour software development course with < 3% acceptance rate

SUNY Stony Brook

MS - Mechanical Engineering - 2013

SUNY Stony Brook

BS - Physics - 2010

Courses include:

Computational Physics & Astronomy;
Linear Algebra,
Calculus (I - IV)