

Andrew Li Dong

Software Developer

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in [LinkedIn](#) |  [GitHub](#) |  [AngelList](#)

SKILLS

JavaScript, React, Redux, Ruby, Ruby on Rails, SQL, HTML5, CSS3, Git, RSpec

PROJECTS

This Is Water | (React/Redux, Rails, PostgreSQL, AWS)

[Live](#) | [Github](#)

Single page full-stack story sharing forum inspired by Medium

- Features RESTful design with CRUD resources for readability and essential functionality
- Dynamically renders reusable DRY components through React's virtual DOM framework
- Stores photos remotely on AWS S3 Cloud through Active Storage to reduce server load and allow for scalability
- Implements Rails polymorphic associations on the backend to allow users to clap to both stories and responses

Profound Sound | (Canvas, Web Audio API, D3)

[Live](#) | [Github](#)

Music visualizer that utilizes Web Audio API to render frequency data

- Analyzes audio element output and extracts frequency data using Web Audio API
- Processes frequency data in order to tune amplitude value of Canvas visualizations
- Integrates D3 API to visualize data dynamically

Western Console Chess | (Ruby)

[Github](#)

Classic game of chess

- Utilizes modular design to keep code for pieces DRY and reusable
- Features crisp design and gameplay with UTF-8 chess characters, colorize plugin and keypad controls

EDUCATION

University of Chicago
Chicago, IL | 2012-2016

- Bachelor of Arts, Mathematics
- SAT: 2360

App Academy
New York, NY | 2018

- 1000 hour full-stack web development intensive
- Focus on pair programming, TDD, OOP, DRY code & RESTful API

EXPERIENCE

Mobile Health New York, NY | 2017-2018

Business Analyst

- Reported on labor market segmentation across major metropolitan areas, generating and presenting a broad outline of addressable markets using Excel and Powerpoint
- Supported a 10-person sales team by researching specifics of OSHA pre-employment and compliance regulations in potential marketplaces

INTERESTS

- Rock Climbing Instructor at New York Equinox Flagship Sports Clubs
- NYGFL, BMFL Flag Football Referee with experience refereeing at MetLife Stadium
- Mad Dogg Spinning Instructor with CPR/AED/First-Aid Certifications
- Former line cook at Daniel (NYC) and A10 (Chicago) with extensive staggiaire experience