

# Andrew Li Dong

Software Developer

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## SKILLS

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

## PROJECTS

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**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

## EDUCATION

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**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

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**Codecademy** New York, NY | 2018

*Remote Instructor*

- Define student goals, review coding topics, provide access to additional resources, and debug code
- Track student progress along with fellow advisors

**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

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- 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 stagiaire experience



