Andrew Li Dong

Software Engineer

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LinkedIn | GitHub | AngelList

EDUCATION

University of Chicago Chicago, IL | 2012-2016	● Bachelor of Arts, Mathematics ● SAT: 2360

SKILLS

JavaScript, React, Redux, Ruby, Ruby on Rails, SQL, HTML5, CSS3, Git, RSpec, Python3, GraphQL, Neo4J, C++, Heroku

EXPERIENCE

App Academy New York, NY | September 2018 - Present
Placements TA
- Lead mock whiteboarding interviews focusing on common algorithms, algorithmic paradigms and data structures used to solve technical problems
- Support junior developers with implementation decisions, debugging and code review in JavaScript projects, full-stack clones and code intensives
- Train and onboard new teaching assistants
- Research and develop algorithms and data structures post-graduate curriculum to be used in NYC and SF
- Contribute to weekly staff meetings detailing student progress and curriculum growth opportunities

Codecademy New York, NY | September 2018 - Present
Coding Coach - Advisor
- Define student goals, review coding topics, provide access to additional resources, and debug code
- Track student progress along with fellow advisors

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

INTERESTS

- Rock Climbing Instructor at Equinox Flagship Sports Clubs (2017 - Present)
- Freelance Football Referee for NYGFL, NFL Flag, BMFL, United, Ultimate, Columbia/NYU (2017 - Present)
- Mad Dogg Spinning Instructor with CPR/AED/First-Aid Certifications (2017 - Present)
- Former line cook at Daniel (NYC) and A10 (Chicago) with extensive stagiaire experience (2015-2017)