

Anthony J. Deluca

Web Developer with Experience in Modern Frontend Technologies and Mathematics

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EXPERIENCES

ReactChess: [Live](#) - [Github](#)

- Browser chess implemented with React/Redux
- Extra Random Chess mode. Both sides play with randomized initial boards
- Object Oriented Design

ClonedStarter: Rails-React Kickstarter: [Live](#) - [Github](#)

- Fullstack application from scratch
- Backend: Ruby on Rails. Frontend: Javascript, React, Redux, HTML, CSS
- Login information is securely stored as a salted hash
- If users attempt illegal actions React Modals are used to give feedback

MinijQuery: [Live](#) - [Github](#)

- Lightweight implementation of JQuery using DOM manipulation and Javascript
- Demonstration Tic Tac Toe game included
- Implemented a AJAX function that correctly handles both form-data and JS objects as input
- Ajax method automatically handles CSRF verification for Rails Apps

SKILLS

JavaScript, React, Ruby, Rails, Node, SQL, HTML5, CSS, Redux, jQuery, Express, LaTeX

EMPLOYMENT HISTORY

Private Math Tutor: Dec 2016-Current

- Helping students improve their understanding with personalized interventions

Instructor: Fall 2014-Spring 2016

- I was the sole lecturer for three courses per year
- Collaborated to develop the curriculum shared across multiple sections
- Average test scores in my sections were consistently in the top third

EDUCATION

M.A. in Mathematics: Penn State University: Fall 2016

- Selected Coursework: Numerical Optimization, Partial Differential Equations, Stochastic Processes
- Won a departmental award for exemplary performance on the PHD qualifying exams

App Academy:

- 12 week intensive full-stack development program

B.S. in Mathematics: Macaulay Honors College, CUNY. Spring 2013