Daniel Appel
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Portfolio:
Linkedin: https://www.linkedin.com/in/daniel-appel-9b7937151/
Github: https://github.com/danamansana

Projects:
Stackoverflow (Ruby on Rails, React.js)
A single-page question and answer application based on StackOverflow
- Utilizes a single Item model for Questions, Answers, and Comments to keep code DRY, allowing for a wide range functionality and easy modification
- Avoids generating multiple database queries when fetching data to keep run time down by generating a hash of database items with their connections
- Checks for submission errors on front end to minimize AJAX requests

Skills: Ruby, Rails, JavaScript, React, SQL, HTML, CSS, Git

Work History:
Graduate Student Instructor in Mathematics 2010-2017. Organized and taught sections for courses in Calculus (three semesters), Linear Algebra and Differential Equations (six semesters), Advanced Linear Algebra (one semester), Discrete Mathematics (one semester), and Abstract Algebra (one semester),
Outstanding Graduate Student Instructor Award 2012-2013 (UC Berkeley, awarded based on student evaluations and faculty recommendation
http://gsi.berkeley.edu/programs-services/award-programs/ogsi/)

Education:
App Academy (Nov 2017-Feb 1 2018) (full stack web development boot camp with < 5% acceptance rate)
Ph.D in Mathematics, University of California, Berkeley (Fall 2010-Spring 2017) (wrote thesis on classification of real bundles, contributing to the Geometric Langlands Program)
B.A. in Mathematics, Princeton University, *summa cum laude* (Fall 2006-Spring 2010) (wrote senior thesis disproving a conjecture on topologically minimal surfaces)
Middleton Miller '29 Award 2010, Princeton University (awarded for best senior thesis in Mathematics in a given year)