MATTHIAS JENNY

New York based full-stack web developer and teacher with a passion for logic

SKILLS

- JavaScript
- React
- Jest
- Redux
- jQuery
- SQL
- Ruby
- Ruby on Rails
- RSpec
- git
- HTML5
- CSS3

CONTACT DETAILS

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github.com/m1010j

linkedin.com/in/m1010j

angel.co/m1010j

twitter.com/_m1010j_

WORK EXPERIENCE

App Academy — New York
Senior Teaching Assistant — *March 2018 to Current*
Teaching Assistant — *November 2017 to March 2018*
Junior Teaching Assistant — *Sept 2017 to November 2017*
- Offered position nine weeks into completing twelve-week curriculum; taught 180 students in a full-stack web development boot camp
- Contributed to internal teaching tools built in Rails and React, implemented password reset feature and wrote tests for analytics feature
- Wrote Ruby scripts to automate grading student assessments, leading to a more than 50% reduction in grading time per instructor
- Served as project manager for 26 student-made full stack projects and mentored 19 students during their job search

PIKSI-Boston — Boston
Co-Founder and Graduate Director — *Sept 2014 to May 2017*
- Developed curriculum and organized summer programs at MIT and UMass-Boston for philosophy undergraduates from underrepresented groups
- Distributed workload for members of a team of 10
- Assisted grant writing in concert with the American Philosophical Association leading to a $600K grant from the Mellon Foundation

EDUCATION

App Academy — 2017
1000-hour immersive full-stack web development intensive boot camp

Massachusetts Institute of Technology — PhD Philosophy 2017
Minor: Mathematical Logic
- Published research in *Noûs* and *Thought*
- Research in computability theory, modal logic, model theory, non-monotonic logic, and relevance logic

Brandeis University — MA Philosophy 2012
- Research in epistemic logic

University of Zurich — BA Philosophy 2010
Minors: Economics and Sociology

PROJECTS

Andor — *andor.fun*
- Wrote an original logic game that teaches players the rules of the Boolean connectives using React, Redux, Cordova, and my boolean-logic library
- Achieved over 2,100 installs across Google Play and the Apple App Store

Sat Zoo — *matthiasjenny.com/sat-zoo*
- Developed a benchmarking tool for Boolean satisfiability
- Incorporated Web Worker for seamless user experience
- Wrote custom text editor for easy creation of Boolean formulas

boolean-logic — *github.com/m1010j/boolean-logic*
- Wrote a JavaScript library from scratch to formulas of Boolean logic relative to a model and to find models
- Implemented recursive algorithms for parsing strings into binary trees and evaluating well-formed formulas for truth and satisfiability
- Wrote 71 Jest tests for reliable and maintainable code

LivePoll — *livepoll.info*
- Created a Poll Everywhere clone that allows users to create polls and push them to participants, using Rails, React, Redux, and AWS
- Incorporated WebSockets to push active polls to users and poll results to poll creator in real time