

MATTHIAS JENNY

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

SKILLS

- JavaScript
- Ruby
- Node.js
- Express.js
- SQL
- Ruby on Rails
- RSpec
- React
- Jest
- Redux
- HTML5
- CSS3
- git

CONTACT DETAILS

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WORK EXPERIENCE

App Academy

Senior Teaching Assistant
Teaching Assistant
Junior Teaching Assistant

New York

March 2018 to Current
November 2017 to March 2018
Sept 2017 to November 2017

- Offered position nine weeks into completing twelve-week curriculum; taught 213 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

Co-Founder and Graduate Director

Boston

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

1000-hour immersive full-stack web development intensive boot camp

2017

Massachusetts Institute of Technology

Minor: Mathematical Logic

PhD Philosophy 2017

- Published research in *Noûs* and *Thought*
- Research in computability theory, modal logic, model theory, non-monotonic logic, and relevance logic

Brandeis University

• Research in epistemic logic

MA Philosophy 2012

University of Zurich

Minors: Economics and Sociology

BA Philosophy 2010

PROJECTS

Explorations in Asynchronicity

async.matthiasjenny.com

- Created an analysis tool for benchmarking asynchronous recursive functions in the browser built on Express.js and on the command line using Node.js
- Leveraged Web Workers, code-splitting, and server-side caching for seamless user experience
- Provided public API to enable third-party analysis of benchmark data

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 2,350 installs across Google Play and the Apple App Store

Sat Zoo

matthiasjenny.com/sat-zoo

- Developed a logical calculator to benchmark Boolean satisfiability
- Wrote custom text editor for easy creation of Boolean formulas

boolean-logic

github.com/m1010j/boolean-logic

- Published an npm package to evaluate formulas of Boolean logic
- 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