MATTHIAS JENNY

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

SKILLS

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

CONTACT DETAILS

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angel.co/m1010j

twitter.com/_m1010j_

WORK EXPERIENCE

App Academy
New York

Instructional Manager — *Sept 2018 to Current*
Teaching Assistant — *Sept 2017 to Sept 2018*

- Taught 249 students in a full-stack web development boot camp
- Served as project manager for 33 student-made full stack projects and mentored 19 students during their job search
- 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
- Contributed 40 improvements to the technical curriculum
- Acted as "pod leader", managing and mentoring 2 teaching assistants
- Hired and managed 14 admissions contractors

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

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
- Provided public API to enable third-party analysis of benchmark data
- Published a 2,500 word article discussing the most surprising results

Pumpkin Time
pumpkintime.app

- Created a progressive web app with Vue.js to calculate actor set restrictions
- Commissioned by an Assistant Director of the Directors Guild of America

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

boolean-logic
github.com/m1010j/boolean-logic

- Published an npm package to evaluate formulas of Boolean logic
- Wrote 71 Jest tests for reliable and maintainable code

OPEN SOURCE CONTRIBUTIONS

Jasmine
github.com/jasmine/jasmine

- Added status marks to the test results in the standalone testing suite to make the suite more accessible for people with color blindness

vue-js-toggle-button
github.com/euvl/vue-js-toggle-button

- Improved the documentation by fixing mistake in a central example