

# MATTHIAS JENNY

New York based  
software  
engineer

## SKILLS

- JavaScript
- Flow
- Python
- Ruby
- React
- Vue.js
- Django
- Node.js
- Express.js
- Ruby on Rails
- GraphQL
- SQL

## CONTACT DETAILS

matthiasjenny@gmail.com  
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## WORK EXPERIENCE

**LoanStreet**  
Software Engineer

New York  
Jan 2019 to Current

**App Academy**  
Instructional Manager  
Teaching Assistant

New York  
Sept 2018 to Jan 2019  
Sept 2017 to Sept 2018

- Taught roughly 300 students in a full-stack web development boot camp
- Acted as "pod leader", managing and mentoring 5 teaching assistants

## 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

**Stress Testing React Hooks**

[matthiasjenny.com/stress-hooks](https://matthiasjenny.com/stress-hooks)

- Developed a tool to benchmark different ways of writing stateful functional components using React Hooks
- Published an 870 word article detailing how to write performant React Hooks components

**Explorations in Asynchronicity**

[async.matthiasjenny.com](https://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](https://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](https://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](https://matthiasjenny.com/sat-zoo)

- Developed a logical calculator to benchmark Boolean satisfiability

**boolean-logic**

[github.com/m1010j/boolean-logic](https://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](https://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