

# MATTHIAS JENNY

New York based  
software  
engineer

## SKILLS

- JavaScript
- Flow
- React
- Python
- Ruby
- Django
- Ruby on Rails
- GraphQL
- SQL

## CONTACT DETAILS

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github.com/m1010j

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angel.co/m1010j

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## WORK EXPERIENCE

### LoanStreet

Senior Engineer  
Software Engineer

New York

July 2019 to Current  
Jan 2019 to July 2019

- Acted as frontend lead on a team of six engineers developing a new commercial lending platform built with React, Flow, GraphQL, and Django
- Helped grow engineering team, hiring 3 engineers and leading engineering leaderboard for number of PRs reviewed
- Implemented new features such as floating rate loan onboarding, borrower and lender tasks assignment, and platform-wide user permissions
- Spearheaded cross-browser compatibility initiative, ensuring IE11 support

### 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 school
- Acted as "pod leader", managing and mentoring 5 teaching assistants

## EDUCATION

### App Academy

Full-stack Web Development 2017

### Massachusetts Institute of Technology

PhD Philosophy 2017

Minor: Mathematical Logic

- Published research in *Noûs*, *Thought*, and *Grazer Philosophische Studien*
- Research in computability theory, modal logic, and non-monotonic logic

### Brandeis University

MA Philosophy 2012

- Research in epistemic logic

### University of Zurich

BA Philosophy 2010

Minors: Economics and Sociology

## PROJECTS

### GitHub-Jira Link

[github.com/m1010j/github-jira-link/](https://github.com/m1010j/github-jira-link/)

- Developed a browser extension that links GitHub PRs with Jira tickets

### 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 on how to write performant React Hooks

### 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
- Published a 2,500 word article discussing the most surprising results

### Pumpkin Time

[pumpkintime.app](https://pumpkintime.app)

- Created a PWA with Vue.js to calculate set restrictions for underage actors
- 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

### boolean-logic

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

- Published an npm package to evaluate formulas of Boolean logic

## OPEN SOURCE CONTRIBUTION

### 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