

# MATTHIAS JENNY

New York  
based  
software  
engineer

## SKILLS

- TypeScript
- Flow
- Python
- Ruby
- React
- Express.js
- Django
- Rails
- SQL
- GraphQL
- Travis
- AWS
- Terraform

## CONTACT

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## WORK EXPERIENCE

### Even Financial

Software Engineer

New York

Sept 2019 to Current

- Managed and contributed to implementation of new life insurance search UX
- Developed API-controlled application flow using finite state machine
- Implemented and rolled out E2E tests for main frontend application
- Set up AWS infrastructure for SSR app serving up to 200k daily impressions
- Streamlined CI/CD pipelines, reducing deployment times by up to 50%

### LoanStreet

Senior Engineer

Software Engineer

Software Engineering Consultant

New York

Jul 2019 to Sept 2019

Jan 2019 to Jul 2019

Nov 2018 to Jan 2019

- Acted as frontend lead on a team of six engineers for a new lending platform
- Helped grow engineering team, hiring and onboarding 3 engineers
- Implemented new features such as loan onboarding, tasks assignment, auto-validating forms, 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 over 300 students and managed 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
- Research won 2018 Philosopher's Annual award

### Brandeis University

MA Philosophy 2012

- Research in epistemic logic

### University of Zurich

BA Philosophy 2010

Minors: Economics and Sociology

## SELECTED PROJECTS

### GitHub-Jira Link

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

Browser extension that links GitHub PRs with Jira tickets

### Stress Testing React Hooks

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

Benchmark tool for React Hooks

### Explorations in Asynchronicity

[async.matthiasjenny.com](https://async.matthiasjenny.com)

Analysis tool for benchmarking asynchronous recursive functions

### Pumpkin Time

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

Progressive web app to calculate set restrictions for screen actors

### Andor

[andor.fun](https://andor.fun)

Logic game with over 3,650 installs across Google Play and the Apple App Store

### boolean-logic

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

npm package to evaluate formulas of Boolean logic

## OPEN SOURCE CONTRIBUTIONS

### Jasmine

[github.com/jasmine/jasmine/pull/1610](https://github.com/jasmine/jasmine/pull/1610)

### yiq

[github.com/lffg/yiq/pull/16](https://github.com/lffg/yiq/pull/16)