MATTHIAS JENNY

New York based software engineer

SKILLS

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

CONTACT

matthiascjenny@gmail.com
www.matthiasjenny.com
github.com/m1010j
linkedin.com/in/m1010j
angel.co/m1010j
twitter.com/_m1010j_

WORK EXPERIENCE

Tradeweb Jersey City
VP, Technology *Oct 2020 to Current*

Even Financial New York
Software Engineer *Sept 2019 to Oct 2020*
- Managed and contributed to implementation of new life insurance search UX based on TypeScript, Express.js, React, and Redux
- Developed API-controlled application flow using TypeScript, React, and XState
- Designed and implemented Playwright E2E tests for main frontend application
- Set up AWS infrastructure with Terraform for Express.js/TypeScript app serving up to 200k daily impressions
- Unified three Express.js/TypeScript services into one using custom middleware
- Streamlined Bash and Node.js deploy scripts, leading to a reduction of deployment times by up to 50%

LoanStreet New York
Senior Engineer *Jul 2019 to Sept 2019*
Software Engineer *Jan 2019 to Jul 2019*
Software Engineering Consultant *Nov 2018 to Jan 2019*
- Lead a team of six engineers for a new lending platform based on Python, Django, GraphQL, Flow, React, and Redux
- Helped grow engineering team, hiring and onboarding 3 engineers
- Implemented new features such as loan onboarding, tasks assignment, auto-validating forms, and plattform-wide user permissions
- Spearheaded cross-browser compatibility intiative, ensuring IE11 support

App Academy New York
Instructional Manager *Sept 2018 to Jan 2019*
Teaching Assistant *Sept 2017 to Sept 2018*
- Taught full-stack web development to over 300 students and managed 5 TAs

EDUCATION

Massachusetts Institute of Technology PhD Philosophy 2017
Minor: Mathematical Logic
- Award-winning research (2018 Philosopher's Annual) in recursion theory, modal logic, and non-monotonic logic published in *Noûs*, *Thought*, and *Grazer Phil. Stud.*

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/*
Browser extension that links GitHub PRs with Jira tickets (JavaScript)

Stress Testing React Hooks *matthiasjenny.com/stress-hooks*
Benchmark tool for React Hooks

Explorations in Asynchronicity *async.matthiasjenny.com*
Benchmarking tool for asynchronous recursive functions (JavaScript, Express.js)

Andor *andor.fun*
Logic game with 3,650 installs across Google and Apple app stores (React, Cordova)

boolean-logic *github.com/m1010j/boolean-logic*
npm package to evaluate formulas of Boolean logic (Node.js)

OPEN SOURCE CONTRIBUTIONS

Jasmine *github.com/jasmine/jasmine/pull/1610* **yiq** *github.com/lffg/yiq/pull/16*