mattori**birnbaum**
computer scientist / polyglot

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USA

✉ me@mattori.com
⌨ PsychicNoodles
in mattori-birnbaum

languages
native English
conversational 日本語
elementary 中文
basic 한국어

programming
Java, Clojure, Scala
C, Ruby (+ on Rails)
Python, Scheme, Coq
HTML5 & JavaScript
MySQL/databases
LaTeX

coffee
Cafe Grumpy,
Brooklyn, NY
2015 Intern
Made the best cold
brew coffee in NYC

academic highlights
Comp Linguistics
Data Structures
Operating Systems
Parallel Algorithms
Soft Dev Principles
Discrete Structures
Analysis of Algorithms
East Asian Religions
Jpn Society & Culture
Sociology

education

2015 - present	**Bachelor of Arts (intended graduation 2019)** Computer Science major East Asian Studies concentration	Grinnell College
Fall 2017	**IES Abroad Nagoya Direct Enrollment** Semester abroad in Nagoya, Japan	Nanzan University

experience

computer science

Summer 2018	**Grinnell College Computer Science dept.** *Co-developed Alex, a software profiler* Project: https://github.com/PsychicNoodles/alex	Undergraduate Researcher
Summer 2017	**Grinnell College Computer Science dept.** *Co-developed Alpaca: Energy Profiler* Project: https://github.com/PsychicNoodles/alpaca-validation	Undergraduate Researcher
Summer 2016	**Principal Financial Group** *Developed updates and debugged existing Java web base* *Worked with full-time team in Retirement Income Solutions - Salesforce*	IT Intern

leadership

Summer 2018	**HLAB Tokyo** *Taught web dev/Ruby on Rails seminar to Japanese high school students* *Mentored high schoolers (in EN and JP) about future and personal matters*	Camp Mentor
2017 - 2018	**Grinnell College Computer Science dept.** Tutor: *Helped students with assignments* Class Mentor: *Offered office hours, lab assistance for students*	Peer Educator
2016 - present	**Grinnell College Chinese/Japanese dept.** *Elected to Student Educational Policy Committee (SEPC)* *Organize department events and evaluate new or under review professors* *Bridge the gap between faculty and student body*	SEPC Representative
2015 - present	**Grinnell AppDev (appdev.grinnell.edu)** *Develop apps for on-campus organizations* *Manage a team of junior members and work with community members* Director of Education: *Teach trainees Android through app development*	Android Lead/Developer
Spring 2017	**Grinnell College Experimental College (ExCo) Program** *Volunteered to develop and teach Python & data structs to non-CS students*	ExCo Teacher
Spring 2016	**Pioneer Weekend** *Developed business idea targetted at high schoolers searching for colleges*	Entrepreneurship Hack-a-thon Participant