

mattoribirnbaum

computer scientist in japan

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languages

native English
conversational 日本語
elementary 中文

professional programming

Java (+ Spring),
JavaScript/TypeScript,
React + Redux,
MySQL/databases,
Python

hobby programming

Rust, Clojure, Scala,
Ruby (+ on Rails)

professional

2019 - current **CareerTrek (キャリアトレ)** Web Engineer (Frontend and Backend)
Developing a Java + TypeScript/React based job search web application
Maintaining/updating existing code base, responding to customer inquiries
Communicating with team members and other employees in Japanese

education

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

experience

computer science

Summer 2018 **Grinnell College Computer Science dept.** Undergraduate Researcher
Co-developed Alex, a software profiler
Project: <https://github.com/PsychicNoodles/alex>
Summer 2017 **Grinnell College Computer Science dept.** Undergraduate Researcher
Co-developed Alpaca, an energy profiler
Project: <https://github.com/PsychicNoodles/alpaca-validation>

leadership

Smr. '18, '19 **HLAB Tokyo** Camp Mentor
Mentored and supervised groups of high schoolers (in EN and JP)
'18: Taught web development and Ruby on Rails seminar
'19: Taught philosophy and sociology of technology seminar
2017 - 2018 **Grinnell College Computer Science dept.** Peer Educator
Tutor: *Helped students with assignments*
Class Mentor: *Offered office hours, lab assistance for students*
2016 - 2019 **Grinnell College Chinese/Japanese dept.** SEPC Representative
Elected to Student Educational Policy Committee (SEPC)
Organized department events and evaluated new/under review professors
Bridged the gap between faculty and student body
2015 - 2019 **Grinnell AppDev (appdev.grinnell.edu)** Android Lead/Developer
Developed apps for on-campus organizations
Managed a team of junior members and worked with community members
Director of Education: *Taught trainees Android through app development*