





Rachel Stein


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EDUCATION

New York University

M.A., Specialized Studies in Education

 New York, NY

 Sep. 2023–May 2024

Individualized course of study focused on how technology can enhance learning in non-formal education spaces (such as museums). Courses included *Digital Frictions: Museum Accessibility and Digital Design* and *Environmental Justice and Digital Empowerment*.

Swarthmore College

B.A., Computer Science

Minors. Educational Studies, Art History

 Swarthmore, PA


 Aug. 2011–May 2015

EXPERIENCE¹

The Mom Project

Software Engineer

 Remote


 Jan. 2022–Jan. 2023

- Platform engineer at The Mom Project (TMP), a digital talent marketplace.
- Worked on and led the initiative to refactor user authentication to make it more robust and easier to use as we broke microservices out of the existing Rails monolith.
- Led effort to improve monitoring of TMP's monolith. Met the key result – reducing the average daily unique error count from 900 to ten – weeks early by implementing triaging protocols and automating steps with GitHub Actions. The effort also included fixing database transaction failures and other backend errors.

8th Light

Software Crafter; Software Crafter Apprentice

 Chicago, IL


 Oct. 2018–Dec. 2021

- Worked on long-term projects at 8th Light, a software consultancy, including those below.
- Helped a national food delivery service build a new Swift iOS app with a Java REST API to coordinate and support every aspect of their delivery drivers' workflow.
- Helped a telemedicine company replace their fragile PHP app with a new React app.

Telnyx

Python [Software] Engineer

 Chicago, IL

 Aug. 2017–Apr. 2018

- Backend product engineer at Telnyx, a telecommunications startup.
- Member of the original three-person engineering team that built out and scaled up the company's MVP messaging service: text messaging using an HTTP API.
- Responsible for strengthening the service's core as its load grew exponentially.

SKILLS & LANGUAGES

Ruby on Rails
Elixir · Phoenix
Java

Python
Swift iOS
CI/CD

SQL databases
HTML · CSS
JavaScript · React

Git · GitHub
English (native)
French (proficient)

OUTSIDE INTERESTS

- *Appalachian Trail Thru-Hiker*²
- *Rock Climbing and Kayaking Instructor*³

1. LinkedIn profile provides additional information.

2. Completed the c. 2,200-mile hiking trail after college.

3. Guided trips and taught skills workshops for a Chicagoland-based outdoor adventure company.