

Yechiel Kalmenson

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I was born and raised in Brooklyn. Got my rabbinical training in Israel and spent a few years teaching both children and adults. After a brief stint in tech support, I found my next calling and went on to study software engineering.

I currently live in Brooklyn, NY with my family, using tech to support my passions for teaching, coding, and flying.

EMPLOYMENT HISTORY

VMware - Pivotal Software Inc. New York, NY

Software Engineer, November 2018 - Present

- Became proficient in XP software development practices (Pair Programming, TDD)
- Got to work on many parts of the CloudFoundry product, gaining experience in Kotlin, Go, Ruby, Python, and C++
- Ensured pragmatic feature parity for Cloud Foundry users on Windows
- Contributed a Windows implementation for Envoy Proxy
- Collected telemetry and insights into the use of our products to improve support by teams in the field
- Maintained Davos, an internal tool to help keep track of CVEs and security vulnerabilities in our products

Newtek Business Services, Lake Success, NY

Full-Stack Developer, January 2018 - November 2018

- Maintained the company's legacy PHP applications
- Triaged and fixed bug reports and new feature requests
- Got rid of security holes in some of the older parts of the code

Fidelity Payment Services, Brooklyn, NY

FinTech Integration Specialist, December 2016 - January 2018

Technical Support, June 2015 - December 2016

- Wrote a React/Rails app to help the Integrations Department keep track of incoming integration requests
- Set up POS terminals and Payment Gateways for new merchants
- Researched and provided solutions to integrate merchants' gateways and shopping-carts with our payment processing

Jewish Online School, Remote

Teacher - 2nd-3rd grade, September 2010 - June 2015

- Taught Jewish Studies to children in remote locations without Jewish schools
- Prepared interactive lessons with a focus on keeping students engaged in a challenging online setting

TECHNICAL SKILLS

Technical experience: PHP, Python, Go, C++, Ruby/Rails, RSpec, JavaScript/React, SQL, BigQuery.

Interpersonal experience: Pair Programming, TDD, Code Review, XP methodologies.

TALKS - WRITING

Torah & Tech

Book/Weekly Newsletter - [Website](#)

Torah & Tech is a weekly newsletter published by two rabbis-turned-programmers with discussions on the intersection of Torah, ethics, technology, teamwork, mentorship, ethical tech, AI, and many more. The first year's worth of newsletters have been collected and printed in the book **Torah & Tech; Discussions at the Intersection of Torah and Technology**.

Porting Envoy To Windows

KubeCon 2019 - [Video](#) | [Slides](#)

Envoy is an open source edge and service proxy, designed for cloud-native applications. For a half a year I joined Pivotal's effort to contribute a Windows implementation. In this talk, I, together with my pair William Rowe provided a progress report on where the work was holding, and what still had to be done.

Writing Your First Browser Extension

Codeland 2019 - [Code-along](#)

Browser extensions make for great projects for people new to tech looking to build up their portfolios. In this workshop I taught the basics of how browser extensions work. Participants built their first browser extension together, an extension that replaces pictures of job candidates with cat pictures to eliminate bias in hiring.

Rabbi On Rails

Blog - [RabbiOnRails.io](#)

My blog where I pontificate on matters related to Judaism, tech, career, and more.

Most of the tech-related posts have been cross posted to my dev.to [profile](#).