

# Yecheil Kalmenson

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I'm a Teacher turned Software Engineer, I still never lost the passion for teaching. During my time as a software engineer, I gained experience in cloud infrastructure with multiple cloud providers and operating systems. I bring strong problems solving skills and attention to details, as well as a passion for learning and mentoring that help me constantly grow as an engineer and as a person.

## TECHNICAL PROJECTS

### Envoy Proxy - Windows Port - [GitHub](#) | [Conference Talk](#)

Envoy is an open source edge and service proxy, designed for cloud-native applications. It currently does not work in Windows Containers. For the last few months I led the team that is in the process of contributing a Windows implementation for the Envoy project.

- Collaborated with the **open source** community on the project
- Worked in a large **C++** codebase
- Became familiar with many aspects of the Windows API

### Alternate Side Bot - [GitHub](#) | [Blog Post](#) | [Twitter Account](#)

A Twitter bot that retweets whenever Alternate Side Parking rules are suspended in New York City. Users can also subscribe to get SMS notifications or call in to get the latest status.

- **Twitter bot** was built in **NodeJS**
- Added a **Ruby** app that uses the **Twilio API** to let users subscribe using an **SMS** message from their phone
- The **Ruby/Twilio** app also lets users call in to hear a voice recording of the latest status

### Corneal - [GitHub](#) | [Blog Post](#)

A Ruby gem that generates a structure for a basic **Sinatra** app, with Model and Scaffold generators.

- A collaborative open-source project
- Used **Thor** to build generators for Models, Views, and Controllers similar to the **Rails generators**

## TECHNICAL SKILLS

Technical experience: PHP, Python, Go, C++, Ruby, Rails, Sinatra, RSpec, JavaScript, React, SQL

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

## EMPLOYMENT HISTORY

### VMware - Pivotal Software Inc. New York, NY

Software Engineer, November 2018 - Present

- Became proficient in XP software development practices (Pair Programming, TDD)
- 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

### 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
- Provided Technical Support to existing merchants via phone and remote sessions
- 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