

# Leeya Davis

📍 New York City   ✉ leeya463@gmail.com   🖱 leeyadavis.dev   🌐 LeeyaD

## 🧰 EXPERIENCE

**Software Engineer & Co-Creator, Twine** 🌐 08/2023 – present | Remote

Twine is an open-source, auto-scaling WebSocket service that provides connection state recovery and is intended for developers seeking to add real-time functionality to their existing applications.

- Design and implemented logic governing connection state recovery using token authentication
- Enabled long-term state recovery by implementing a long-term storage solution (**AWS DynamoDB**)
- Improved long-term state recovery by engineering a more performant database query (**DynamoDB**)
- Resolved synchronization issues when scaling Twine by implementing Redis Adaptor logic (**Redis**)
- Facilitated communication between the developer's application and Twine by writing client and server-side libraries that manage WebSocket connections and the publish-subscribe messaging mechanism Twine employs (**Socket.IO, Node.js, TypeScript**)
- Collaborated remotely with an international team of four engineers across three time zones, employing agile methodologies and practices such as sprints, code reviews, and pair programming
- Co-authored a technical case study providing an in-depth analysis of Twine's problem domain, system design, and engineering decisions (<https://twine-realtime.github.io/case-study>)

**Software Engineer, Self-Employed** 07/2022 – present | New York City

- noWahala - Nigerian for "No worries." It's a platform for curating event spaces and services (**TypeScript, Next.js, React, Firebase**).
- Request Inspect - Tool for viewing/debugging webhooks (**WebSocket server, Nginx, MongoDB, Express, React**).

**Data Processing Coordinator, NYC Department of Health** 12/2019 – 07/2022

- Received, processed, and tracked monthly report components from Opioid Overdose Prevention Programs (OOPPs)
- Resolved discrepancies and/or non-reporting issues by collaborating with OOPPs and team members
- Supported data entry and data management of monthly report components

**English Teacher, Teach and Learn in Korea (TaLK)** 07/2014 – 07/2016 | Gimje, South Korea

- Built rapport with school staff by drawing on my ability to adapt and being mindful of cultural differences
- Improved the English & cultural awareness of disadvantaged students in the countryside through engaging lesson plans

## 🧠 SKILLS

### Skillful



JavaScript, Ruby, SQL/PostgreSQL, Node.js, React, Express, MongoDB, REST APIs, WebSockets, HTML, VS Code, Git/Github, HTTP, Bash

### Competent



TypeScript, Docker, CSS, Postman, Webhooks, AWS (DynamoDB, ElastiCache for Redis, EC2), Jest, Redis, DigitalOcean (droplets), Handlebars, Sinatra

### Basic



Go, Firebase, Nginx, Heroku, Fly.io, AWS (ALB, ELB, CloudFormation, IAM, S3)

## 🎓 EDUCATION

**Launch School**, <https://launchschool.com/employers> 🌐 06/2021 – 08/2023

A multi-year, mastery-based software engineering curriculum.

**A.O.S, Occupational Studies**, Swedish Institute College of Health Sciences 09/2005 – 12/2006