KYLE WEEKS

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[github.com/kylepw](https://github.com/kylepw)

Passionate, self-driven developer, open source contributor, previously educator and Japanese translator. Love working with data. Always learning.

## EMPLOYMENT

**Full Stack Developer**, CyberFortress; San Antonio, TX (remote) Mar 2020 - Present

* Within first month, developed a sophisticated reporting app (Flask, SQLAlchemy, JS) for our downtime insurance platform, which led to a contract with a major insurance company and our subsequent first product launch.
* Developed a resilient, scalable GitOps CI/CD pipeline (GCP, K8s) for our downtime insurance platform that enabled seamless deployment across multiple repositories, simplified rollbacks, and integrated version control.
* Developed code and testing standards that enabled quicker team scalability.

**English Instructor**, Osaka City Board of Education; Osaka, Japan Apr 2014 - Feb 2020

* Taught public school students effective communication skills in English and cultural literacy.
* Planned/coordinated large, biannual events (600+ participants) with diverse team of instructors.

**Japanese Translator**, Ritsumeikan University; Kyoto, Japan Apr 2010 - Mar 2014

* Provided critical translation work on tight deadlines that required quickly learning advanced academic concepts.
* Boosted applicant numbers over 200% by singlehandedly by creating English site and social media presence.

## [PROJECTS](https://github.com/kylepw)

**[panner](https://panner.herokuapp.com)** Django+Postgres+Redis-powered app that tracks friends’ social media presence.

{‘app’: *<https://panner.herokuapp.com>*, ‘code’: *<https://github.com/kylepw/panner>*}

* + Created API wrappers to collect data from external RESTful APIs (Twitter, etc.) and mocks to speed up tests.
  + Enabled simple, one-line app execution via *Docker* in *Django+Postgres+Redis+Gunicorn+Nginx* configuration.

## [OPEN SOURCE](https://github.com/pulls?q=is:pr+author:kylepw+archived:false+is:closed+is:merged)/[PUBLICATIONS](https://kylepw.medium.com)

**[youtube-dl](https://github.com/ytdl-org/youtube-dl)** Added new extractor, code convention docs to embedded video download tool.

*[https://github.com/search?q=repo:ytdl-org%2Fyoutube-dl+is:pr+author:kylepw+archived:false+is:merged](https://github.com/search?q=repo:ytdl-org/youtube-dl+is:pr+author:kylepw+archived:false+is:merged)*

* + Added *Yahoo News* support by leveraging my *Brightcove* code and tracing obfuscated flow of HTTP requests.
  + Streamlined sluggish PR contributions by adding code conventions based on maintainers’ recurring PR comments.

**[Algorithms](https://github.com/TheAlgorithms/Python)** Added new algorithms/docs to popular repository of algorithm implementations.

<https://github.com/search?q=repo:TheAlgorithms/Python+is:pr+author:kylepw+archived:false+is:merged>

**[GitOps and multi-repo versioning](https://kylepw.medium.com/gitops-and-multi-repo-versioning-14509b38a160)**

**[Web Scraping in Python: Extract Embedded Videos Like a Boss](https://betterprogramming.pub/extracting-embedded-videos-8fc391906530)**

## SKILLS/CERTIFICATIONS

\*nix, Django, data structures/algorithms, GitOps, git, K8s, MongoDB, Python, SQL, Vue.js

*[Google Cloud Certified Associate Cloud Engineer](https://www.credential.net/f5755ea2-5bfb-42aa-850d-bed2f5ce54d2?key=731bb01103a4fc01c661d2da74b4dc65ede0de64f33633b1a61696dcc5b02ab5)* (Jul 2020 - Jul 2022)

[MongoDB Certified Developer - Associate Level](https://university.mongodb.com/certification/display_certificate?license1=672&license2=932&license3=607) (Nov 2019)

## EDUCATION

**Rutgers University**, New Brunswick, NJ May 2008

BA, East Asian Studies 3.9 (Summa cum laude)