

Scott Larsen

Python Developer

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SKILLS

Python3 / Docker / OAuth

HTML5 / CSS3 / CSS

AWS / EC2 / S3 / IAM / SSH

FastAPI / Pydantic / Flask

APIs / GraphQL / Webhooks

Async / Logging / Pytest

Git / GitHub / GitHub Actions

Web Scraping / BS4 / Selenium

Automation / Applescript

EXPERIENCE

Remotely Video, Portland, OR - Python Developer - September 2021 - Present

- Built an API to integrate a custom web app with Wrike (project management software) via webhooks and GraphQL calls using FastAPI. Assigns users based on services ordered, calculates turnaround time factoring in weekends and holidays, recovers from service outages and reports status back to web app
- Automated video post-production workflow that had taken two people ~5 hours each to a process run entirely by computer in a few hours. Imports files, constructs timelines, applies LUTs, watermarks and metadata burn-ins for proxies and dailies in DaVinci Resolve
- Automated video transfer software to replicate the same ~20 steps every time without human error and allow it to be called with specified inputs and corresponding output locations

PyCon US 2023 - Volunteer - Session Chair, Tutorial Host, PyLadies Auction, Registration

PyBeach Conference - Volunteer - February 2020

PyData LA Conference - Volunteer - December 2019

CERTIFICATION

AWS Certified Cloud Practitioner - Amazon Web Services - January 2023

PROJECTS

Pi-timelapse - 2021

- Python application on a Raspberry Pi to record timelapses to monitor progress at remote jobsites and transfer videos and stills using the Dropbox API. Can be triggered to livestream video through Twitch from a Flask web application communicating through AWS SQS - github.com/Scott-Larsen/pi-timelapse

Vaccine_Finder - 2021

- Python application querying the VaccineSpotter API to find open vaccine appointments nearby the moment they are posted and notify by email - github.com/Scott-Larsen/Job-Scraper

Yelp En Route - 2020

- Python/ Flask/ JavaScript App querying the Yelp API, sorting and ranking results based on reviews and deviation from route to return the best results between points - <https://github.com/Scott-Larsen/yelpER>

FoodOasis.LA / Hack for LA - 2020

- Web scraping with Python/ BeautifulSoup/ Selenium to update the database of the website that provides a comprehensive list of soup kitchens for the food insecure in Los Angeles County

EDUCATION

Kinestry AI Bootcamp (1-week), Los Angeles, CA - Overview of the AI/ ML landscape and key algorithms

University of Pennsylvania, Philadelphia, PA - Master of Architecture

University of Virginia, Charlottesville, VA - Bachelor of Science in Architecture with Honors