

HARRISON WAINWRIGHT

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SKILLS

Languages: Python, JavaScript, Dart, GO

Technologies: REST API, Git, Docker, AWS, S3, Lambda, React, Bootstrap, Flutter, Node.js

EXPERIENCE

STANDARD DATA INC – San Antonio, Texas (Remote)

Senior Full-Stack Software Engineer

July 2020 – Current

- Created front ends for multiple SaaS products using React and Bootstrap
- Automated user tailored analytics through parsed log files using AWS Lambda and S3
- Developed billing and user management for user-facing products using Stripe API and JavaScript
- Collaborated on business critical decisions and managed developers on projects for product features

SYNTHETIK APPLIED TECHNOLOGIES – Austin, Texas (Remote)

Software Engineer - Computer Vision

Aug 2019 – Jan 2020

- Designed Node.js servers, Flask servers, and Python libraries to solve issues in company projects
- Generated 3D data with the Blender Python API to train ML models
- Implemented a Docker container with MongoDB clusters to efficiently save vehicle image data
- Expedited Git merge request times by 20% by creating robust test cases for new code
- Taught coworker about REST API creation and practices to increase team productivity

EZ-CHOW – Louisville, Kentucky

Mobile Applications Developer

Nov 2018 – Aug 2019

- Launched multiple restaurants' mobile applications for iOS and Android using Dart and Flutter (3,500+ users)
- Addressed customer requests and implemented new functionalities within the applications to improve sales

CREATE LLC – Louisville, Kentucky

Backend Engineer

May 2018 – Dec 2018

- Enhanced a REST API for a mobile application to handle pdf generation
- Designed the server with Node.js and Express and hosted it on DigitalOcean

EL TORO IP TARGETING – Louisville, Kentucky

Software Development Intern/Co-op

May 2017 – Aug 2017

- Moderated discussions amongst team to solve issues across multiple projects
- Created a Python script to extract residency data to strengthen real estate marketing strategies

PROJECTS

TURICREATE SERVER

Endpoint for machine learning predictions

Oct 2019

- Utilized Turicreate within a Flask server integrated with Docker to compute predictions (80%+ confidence)
- Developed a Node.js server to convert prediction data into a user-friendly format to display to users

3D RENDER PYTHON LIBRARY

Python library for generating 3D for training machine learning models

Aug 2019 – Sep 2019

- Created Python libraries using Blender's API to generate 3D renders to train a machine learning model

GROUPME BOT

GroupMe Bot made to serve gifs and messages to users

Apr 2018

- Deployed a JavaScript web app with the GroupMe API in Apps Script to handle user calls (500+ calls/week)

EDUCATION

UNIVERSITY OF KENTUCKY – Lexington, Kentucky

Aug 2014 – Dec 2017

Bachelor of Science, Computer Science; Cumulative GPA: 3.8/4.0

Summa Cum Laude with Honors; Dean's List (2014-2017)