Harrison J. Wainwright

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QUALIFICATIONS

- Skills: Java, Python, C, C++, VB, JavaScript, SQL, MongoDB, Docker and Dart
- Knowledgeable in Flutter and constructing and or implementing APIs
- Leadership qualities: Efficient, Professional, Innovative

EDUCATION

University of Kentucky, Lexington, KY   Awarded December 2017
Bachelor of Science in Computer Science with a Minor in Mathematics
- Graduated Summa Cum Laude with a 3.8 GPA from the University of Kentucky
- Member of the Honors College at the University of Kentucky
- <u>Relevant Courses</u>: Artificial Intelligence, Logic and Theory of Computing, Algorithm Design and Analysis, Abstraction and Problem Solving, Introduction to Database Systems, Web Programming

WORK HISTORY

Synthetik Applied Technologies, Remote   August 2019 – Present
Software Engineer - Computer Vision
- Worked on multiple projects with focuses on using machine learning. Responsibilities included creating node servers, flask servers, and python libraries to manipulate and generate data to train machine learning models.

EZ-Chow, Louisville, KY   November 2018 – August 2019
Mobile Applications Developer
- Created a restaurant's mobile application for both iOS and Android using Dart in conjunction with Flask. Gave the app functionalities such as find locations and viewing specific menus

Create, LLC, Louisville, KY   May 2018 – December 2018
Backend Software Developer

- Created an API endpoint for a mobile application to handle pdf generation using Flask, Nginx, and uWSGI on a server hosted by DigitalOcean

El Toro IP Targeting, Louisville, KY   May 2017 – August 2017
Software Development Intern/Co-op

- Developed multiple projects to make El Toro's targeting efforts more efficient including one that used Scala with Spark integration to insert hundreds of millions of tuples of data into a Neo4j database

PROJECTS

Turicreate Server   October 2019
- Used turicreate to train a model for use in a flask server to get predictions on data fed to the server and sent image predictions to a node server for properly displaying to the user. Then dockerized both servers for ease of use and added usability across different platforms

3D Render Python Library   August 2019 - September 2019
- Created Python libraries that used Blender's API to generate 3D renders to train a machine learning model to detect certain objects

GroupMe Bot   April 2018
- Deployed a Javascript web app using Google App Script and used the callback url generated with the GroupMe bot API to create a functioning chat bot to serve gifs and other images upon request

HONORS AND AWARDS

Provost Scholarship, awarded for high ACT score and high GPA

University of Kentucky, **Dean's List**, awarded for academic excellence (2014-2017)