Luke
Weiler

Software Developer

Luke Weiler
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Skills

- Well-versed in Python, Javascript, HTML and CSS with experience in C, C++, Java.
- Technologies and frameworks that I am experienced in include Flask, Django, React, MongoDB, Git, Github, Express.js, and Node.
- Able to pick up new languages or frameworks quickly, within a week.
- Leading and working with a team using git and github.

Experience

Avon Aquatic Facility / Pool Technician
JUNE 2019 - SEPTEMBER 2019, AVON

Maintained cleanliness of the pool area and also guided usage of the slides.

Education

Avon High School / High School Diploma
AUGUST 2016 - JUNE 2021, AVON

- Currently a senior at Avon High School.
- Earned a GPA of 4.3 Weighted /3.9 Unweighted.
- Member of National Honor Society
- Varsity Cross Country as well as Track and Field.

Notable Projects

mathgenerator

- Created and continue to maintain an open-source math problem generator written in python.
- Led a team of 64 other programmers from 10 different countries throughout it's creation.
- Reviewed and closed over 200 pull requests.
- 100 downloads last month, 42 stars on Github

ghlog

- An open-source command line tool to write log entries to Github.
- Learned how to write command-line applications and transfer data with an API.
- 120 downloads last month, 11 stars on Github

todarith.ml

- Created a website to store a PostgreSQL database containing math problems to be used for machine learning.
  - 1.4 million problems in database currently
- Site also hosts a working demo of the mathgenerator project.
- Used Flask framework with connection to PostgreSQL database.
- Hosted on a linux server with nginx.
- Have had around 400 visitors to date.