

Nicholas Anthony

DATA SCIENTIST · SOFTWARE ENGINEER

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Skills

Languages Python, SQL, HTML/CSS/JS, VueJS, ReactJS, Golang, R

Skill Sets Web Scraping, Data Analysis, Machine Learning, Web Dev (Full Stack), Data Viz

Tools MongoDB, PostgreSQL, Tableau, REDCap, TravisCI/CircleCI, MS Office

Deployment AWS, Heroku, Docker, Digital Ocean

Frameworks Splash pandas, altair, plotly, scikit-learn, numpy, selenium, bs4, django, flask, fastapi, express, gin

Experience

University of Kentucky

Lexington, KY

DATA SCIENTIST

Dec. 2020 - Present

- Developed Tableau Web Data Connectors to directly connect web-based APIs to Tableau for team utilization)
- Built decision tool web-application for healthcare providers regarding PCT levels
- Created FL-Health-Charts website scraper to automate retrieval of online data
- Performed network analysis of Google Scholar publications. Transformed analysis into interactive web application
- Utilized NLP machine learning techniques to extract drug names, dosages, and routes from unstructured EMS (text) records
- Deployed REST API to support various research tasks
- Developed geocoding automation pipeline
- Created charts and figures for various publications
- Migrated team to GitHub for open-source work

MatBoss

Minneapolis, MN

DATA SCIENTIST

Feb. 2020 - Present

- Deployed full-stack Analytics platform using Docker with FastAPI backend and Vue frontend
- Developed Universal Data model to standardize data and reduce errors throughout organization
- Built user-based feedback system to assist with data error reduction/elimination
- Released open-source wrestling package on PyPI for standard wrestling data models/containers

Raise Leaders

West Palm Beach, FL

FULL-STACK DEVELOPER

June. 2020 - Dec. 2020

- Built full-stack web application using django backend and bootstrap frontend
- Developed attendance tracking system for virtual zoom classes
- Build avatar system using rank-based badges to encourage youth participation

Veritas Wrestling Systems

Clearwater, FL

OWNER & DEVELOPER

Sept. 2017 - Aug. 2019

- Deployed first publicly accessible database for wrestling using django, heroku, and postgresql
- Engineered CLI and GUI data collection software using tkinter to collect information in real-time
- Built predictive models to determine likely match outcomes
- Created user-dashboard for fantasy wrestling to increase marketability and fan base

Rasmussen University

Ocala, FL

SCHOOL OF TECHNOLOGY PEER TUTOR

Nov. 2019 - Dec. 2020

- College Reading and Learning Association (CRLA) Level 1 Certified Tutor
- Updated University resources for Python and tutored Computer Science students on basic programming principles

Education

Psychology

BACHELOR OF SCIENCE

University of Florida

July, 2013 - May, 2017

Learning and Cognition

MASTER OF SCIENCE

Florida State University

May, 2018 - Dec, 2019

Computer Science

BACHELOR OF SCIENCE

Rasmussen University

Feb, 2019 - May, 2020

Data Science

MASTER OF SCIENCE

Rasmussen University

July, 2020 - Present

Extracurricular Activity

Head/Assistant Wrestling Coach

YOUTH - COLLEGIATE

US

Nov, 2015 - PRESENT

- 5th place finish at Greco Roman World Team Trials (2018).
- Coached athletes in proper technique.
- Utilized growth mindset to foster positive team environment.

Rock Climber

Outdoors

2018 - PRESENT