

Radcliff Turkin

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github.com/radturkin

Skills

Python	PostgreSQL	Node.js	MongoDB	Tableau
Flask	Git	React.js	SQL	Spark
Tensorflow	Scikit-Learn	AWS	Django	Javascript

WORK EXPERIENCE

Python Instructor and Subject Matter Expert at Hackbright Academy and Dev Mountain *Mar. 2023 – Present*
Remote, US

- Taught Python and Flask, covering data structures, functions, debugging, and best practices
- Created content for lectures and taught Machine Learning and Data Science concepts
- Built customized curriculum to lead students to build full stack projects using Jinja, Python, Flask, SQLAlchemy, and Postgres

Freelance Data Analyst and Web Developer

Oct. 2021 – Present

Remote, US

- Built a mixture of full-stack and frontend solutions for clients utilizing HTML/CSS/Javascript and MERN stack
- Worked independently and with small teams applying agile methods like SCRUM for project management
- Collaborated with other developers to build responsive web applications using best practices to reach goals

Math Teacher at Chicago Public Schools

Aug. 2015 – Jun. 2019

Chicago, IL

- Planned and taught advanced high school math courses, including AP Statistics, AP Calculus BC, and IB Maths.
- Tracked standards-based learning, identifying classroom trends to guide lesson planning improving learning and retention by 29%

Nature Oasis Program Coordinator at Chicago Park District

Jun.. 2014 – Nov. 2019

Chicago, IL

- Managed data and staffing logistics for upwards of 500 programs connecting nearly 10,000 individuals with nature and community in the city each year
- Created data collection surveys for staff and integrated feedback with existing city data to improve programming and bring resources to underserved and low income neighborhoods

EDUCATION

University of Illinois at Chicago

Masters of Science of Teaching, Mathematics and Secondary Education

- Teaching Assistant for Statistics courses

Northeastern Illinois University

B.A. in Communications, Media, and Theater and B.S. in Anthropology, Minor in Mathematics

- Coursework included Computer Science courses in Programming with C++ and Data Structures.

Adobe Digital Academy - Data Science Immersive

Adobe Data Science and Machine Learning Immersive

- Completed 480+ hours of work as an Apprentice in the Adobe Digital Academy program with General Assembly
- Built impactful projects with data analysis, statistical modeling, machine learning, data visualization, natural language processing, and neural networks with Python

FreeCodeCamp and Kaggle Certifications

Javascript Algorithms and Data Structures Certification

Back End Development and API's Certification

Scientific Computing with Python

Python, Pandas, Intermediate Machine Learning, Data Cleaning, Intro to Deep Learning, Computer Vision

VOLUNTEER WORK

Virtual Coffee – Member-Volunteer

Oct. 2022 – Present

Remote, Worldwide

Gender Pathways Community Advisory Board Member at Northwestern Medicine

Jan. 2020 – Present

Chicago, IL

Alliance for the Great Lakes – Team Lead

Apr. 2015 – Mar. 2020

Chicago, IL

ACHIEVEMENTS

- **Multi-Class Prediction of Obesity Risk Machine Learning Kaggle Notebook - Silver Medal - Feb 2024**
- **Adobe Digital Academy Data Science Immersion Scholarship Award - January 2024**
- **MLH Monthly Hackathon Winner - Best use of Kintone - January 2024**