Radcliff Turkin

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# Skills

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Python | PostrgreSQL | 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](https://linkedin/in/rad-turkin)

**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**