

Danny Hunter

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Highly motivated and results-oriented meteorologist able to apply complex concepts to solve real-world problems.

KEY SKILLS AND STRENGTHS

- Proficiency in weather analysis and forecasting
- Adept in collecting, processing, and analyzing large datasets
- Programming knowledge including Python and R; ability to quickly learn other software systems
- Flexible and adaptable by nature even when facing tough challenges
- Pursues tasks and projects with energy, drive and enthusiasm
- Collaborative team player; self-reliant and able to work independently
- Self-motivated problem-solver with high standards for accuracy and attention to detail
- Avid and versatile learner with broad interests
- Curious and open to diverse perspectives to help gain deeper understanding of complex issues
- Excellent verbal and written communication skills
- Excellent organizational and time management skills

ACCOMPLISHMENTS

Meteorology

- 2 years of experience weather forecasting; providing forecasts to ensure optimal planning for outdoor events and transportation and providing a weekly weather forecast for the Oklahoma Weather Lab.
- Produced forensic reports detailing local impacts of severe weather which assisted in settling nearly 100 roofing and insurance claims.
- Assembled a fully operational weather station and analyzed the data for local record-keeping including min/mean/max air temperature, wind speed, and precipitation.
- Wrote a research paper and poster presentation detailing the relationship between air quality and cloud properties using flight data from the ESCAPE campaign.
- Manager of a storm chasing YouTube channel with over 14,000 views.

Teaching/Mathematics

- 1 year instructing 6-12 math and science; creating and delivering clear and engaging lessons to maximize learning for middle school and high school students in subjects such as Algebra and Physics.
- Improved a struggling pre-calc student's test grade from failing to an 86% on the final exam.
- Instilled confidence in an 8th grade student by actively engaging them with Algebra concepts which prepared them to successfully pass on to Geometry.
- Recorded and calculated stats for various esports teams; scripted commands in Microsoft Excel to calculate advanced statistics and model projections which were worth several hundred dollars in competitions.

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PROFESSIONAL EXPERIENCE

Meteorology

Dr. Greg McFarquhar
Research Meteorologist 2022 - 2023

Hailtrace
Forensic Meteorologist 2022

Oklahoma Weather Lab
Student Forecaster 2021 - 2022

Teaching

Jeffco Public Schools
Educator 2023 - present

Mathematics
Private Tutor 2023 - present

Middle School Sports
Basketball Coach 2023 - present

PROFESSIONAL AND COMMUNITY INVOLVEMENT

Oklahoma Weather Lab

Oklahoma Student Chapter for the American Meteorological Society and National Weather Association

The Big Event; University of Oklahoma

Clean Energy Lakewood

Denver Streets Partnership

Congress for the New Urbanism

EDUCATION

University of Oklahoma

Meteorology/Mathematics