

MEGAN MCCARTHY
ASSISTANT FORENSIC COORDINATOR
908 867 8350
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Professional Experience

Assistant Forensic Coordinator at Weather Works, LLC – May 2020 - Present

Assist in creating case specific past weather reports, including collecting pertinent weather data necessary for a case.

Training to assist attorneys in determining what type of past weather report they need for their case.

Training to be responsible for most of the tasks early on in the process of setting up a past weather report, including conflict checks, making sure all the necessary information is provided, and creating the template.

Consulting Meteorologist – January 2019 – Present

Prepare customized weather forecasts, snow & ice alerts, briefings, and severe weather warnings for road departments, contractors, several of the nation's largest snow removal companies, school districts, universities, and professional sports organizations including the Baltimore Ravens, Philadelphia Eagles, New York Jets, and Met Life Stadium.

Produced Certified Snowfall Totals throughout Ohio and Oregon for snow removal companies and property managers after each winter weather event.

Education

Virginia Polytechnic Institute and State University – August 2015 - December 2018

Bachelor of Science in Meteorology

Graduated Magna Cum Laude, Cumulative GPA: 3.65

Professional Membership

November 2015 - Present

Member of the American Meteorological Society

Internship/Related Experience

Certified Snowfall Total Analyst at Weather Works, LLC – November 2018 - December 2018

Student Volunteer Meteorologist at the National Weather Service – September 2017 - October 2018

Meteorologist Intern at StormGeo – July 2018 - August 2018

Continued Education | Speaking Engagements

November 2019	(WeatherWorks Cont. Ed) January 20 th , 2019 Cold Air Damming
November 2019	(WeatherWorks Cont. Ed) Snowflake Formation and Snow to Liquid Ratios
October 2019	(WeatherWorks Cont. Ed) WeatherWorks Winter Seminar
April 2019	(WeatherWorks Cont. Ed) WeatherWorks Summer Seminar
April 2019	(WeatherWorks Cont. Ed) Coastal Flooding
April 2019	(WeatherWorks Cont. Ed) Flash Flooding
April 2019	(WeatherWorks Cont. Ed) Mesoscale Rain Forecasting
April 2019	(WeatherWorks Cont. Ed) MCS Pattern Recognition
April 2019	(WeatherWorks Cont. Ed) Advective Fog
April 2019	(WeatherWorks Cont. Ed) Hail Forecasting and Nowcasting
February 2019	(WeatherWorks Cont. Ed) Lightning Initiation Forecasting
February 2019	(WeatherWorks Cont. Ed) Cold Air Damming
January 2019	(WeatherWorks Cont. Ed) Use of TDWR / Radar Holes
January 2019	(WeatherWorks Cont. Ed) Dual Pol Basics
January 2019	(WeatherWorks Cont. Ed) Pavement Frost
January 2019	(WeatherWorks Cont. Ed) Freezing Fog and Significant Refreeze
January 2019	(WeatherWorks Cont. Ed) Warm Season Snow Events
January 2019	(WeatherWorks Cont. Ed) CAD and Freezing Rain
January 2019	(WeatherWorks Cont. Ed) Snowflake Formation
January 2019	(WeatherWorks Cont. Ed) Use of TDWR / Radar Holes
January 2019	(WeatherWorks Cont. Ed) Use of TDWR / Radar Holes
January 2019	(WeatherWorks Cont. Ed) Understanding MOS Tendencies and Climo
January 2019	(WeatherWorks Cont. Ed) GOES-16 Overview
January 2019	(WeatherWorks Cont. Ed) GR2 Analyst Basics
August 2018 - Present	(COMET/MetED/UCAR) Various Meteorology Education Modules

