

ZACHARY CHABALA
FORENSIC COORDINATOR
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Professional Experience

Forensic Coordinator at Weather Works, LLC – August 2018 – Present

Assist attorneys in determining what type of past weather report they need for their case.

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.

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

Train meteorologists in Forensic & Data Services' operations.

Utilize Google Earth and other GIS technology to display meteorological information including lightning strikes, high wind reports, Radar, National Weather Service Warnings, snow data, and other case specific details.

Consulting Meteorologist – July 2017 – 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 Pennsylvania, Maryland, Delaware, and the District of Columbia for snow removal companies and property managers after each winter weather event.

Education

Pennsylvania State University – June 2013 – May 2017

Bachelor of Science in Meteorology

Cumulative GPA: 3.21

Robert O. Cole Meteorology Scholarship

ZedX Weather Information Technology Award

Internship/Related Experience

Student Volunteer Meteorologist at the National Weather Service – January 2016 – May 2017

Meteorologist Intern at WBRE-TV – Summer 2015 & Summer 2016

Continued Education | Speaking Engagements

November 2019	NJAJ Exhibitor – Meadowlands Seminar
November 2019	(WeatherWorks Cont. Ed) January 20 th , 2019 Cold Air Damming
November 2019	(WeatherWorks Cont. Ed) Snowflake Formation and Snow to Liquid Ratios
November 2019	(WeatherWorks Cont. Ed) CAD and Impacts on Freezing Rain
November 2019	(WeatherWorks Cont. Ed) Freezing Fog And Significant Refreeze
April 2019	(WeatherWorks Cont. Ed) Flash Flooding Seminar (WeatherWorks Cont. Ed)
April 2019	(WeatherWorks Cont. Ed) Flooding Review (WeatherWorks Cont. Ed)
April 2019	(WeatherWorks Cont. Ed) Coastal Flooding
June 2018	Ice Management and Liquids Package Course - SIMA
July 2017	(WeatherWorks Cont. Ed) GR2 Analyst Basics
July 2017	(WeatherWorks Cont. Ed) GR2 Analyst
July 2017	(WeatherWorks Cont. Ed) Understanding MOS Tendencies and Climo
July 2017	(WeatherWorks Cont. Ed) Forecast Language and Use of Uncertainty
July 2017	(WeatherWorks Cont. Ed) Lightning Initiation Forecasting
July 2017	(WeatherWorks Cont. Ed) Mesoscale Rainfall Forecasting
July 2017 – Present	(COMET/MetED/UCAR) Various Meteorology Education Modules

