

Nick Kessel

Central Michigan University, Freshman - Meteorology

Environmental Analytics & Math Minors

College GPA (1 semester): **3.73** High School GPA (4.0 Scale): **5.00**

Mid-Mitten Weather (August 2024 - Present)

Forecaster, 7-Day Forecast & General WX Discussions

- Produced a 7-day forecast every week, incorporating guidance from short-range, deterministic, and ensemble models, where appropriate
 - Reduced high/low temperature error in my forecasts by ~15% over the semester
 - Created a variety of “specialty” posts discussing notable weather such as hurricanes, flooding, and the drought outlook
 - Now-casted winter and precipitation events by sharing radar updates
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Mid-Mitten Weather (September 2024 - Present)

Committee Chair, Social Media & Custom Forecast Services

- Managed Mid-Mitten’s Instagram and Facebook, seeing increases in reach on both platforms
 - Arranged collaborations with the Sno* Drift and Lake Superior Performance rally events, forecasting for thousands of attendees
 - Helped secure a collaboration with the CMLife online newspaper, sending out Mid-Mitten forecasts to thousands of readers
 - Communicated with university staff in an attempt to collaborate with school events
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Cincy Weather (December 2024 - Present)

Forecaster

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- Created a Facebook page for weather in and around my hometown of Cincinnati, reaching ~700 followers in 5 weeks
 - Explained meteorological concepts such as ensemble forecasts, Skew-Ts/precip-type, trajectory modeling, geopotential height anomalies, and QPF
 - Extensively communicated possible hazards and various p-type scenarios associated with two winter storms
 - Compared my snowfall forecast with recorded totals, discussed what I could do to improve
 - Designed a custom logo and graphics theme for my posts
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CMU Student Chapter of the American Meteorological Society

(August 2024 - Present)

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- Learned about meteorological career paths from hosted speakers
 - Discussed various aspects of the weather industry and jobs within it
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News Central 34 (August 2024 - December 2024)

Weather Shadow

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- Shadowed and learned from a senior as she prepared the day's forecast
 - Developed my own graphics using the MAX software
 - Practiced communicating forecasts in front of the green screen
 - Delivered "weather-teases" both live, and pre-recorded, for use on the broadcast
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WxChallenge (September 2024 - Present)

Forecaster

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- Forecasted for locations all around the country
 - Ranked as the #1 forecaster out of all participants from CMU
 - Ranked as the #4 forecaster in the country (out of ~900 participants) for the two-week period forecasting for St. Louis

Padrino Italian (November 2021 - June 2024)

Guest Relations and Coordination

Line Cook

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- Coordinated a waitlist of parties waiting to be sat, balancing that with reservations and call-aheads
 - Communicated with multiple parts of the restaurant to fulfill customer requests and ensure a smooth customer experience
 - Managed stressful, time sensitive situations, while ensuring that I produced a high-quality product
 - Worked with a team of my peers, making sure that we completed our tasks

Kohl's Department Store (December 2024 - January 2025)

Sales Associate

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- Unloaded trucks and moved product out onto the sales floor
 - Helped customers with questions about my section or the store in general
 - Communicated with my coworkers to split up responsibilities and limit confusion
 - Organized and stocked my section, keeping it clean and easy for customers to navigate