

Lawrence Blundo

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Objective:

Meteorologist seeking a severe weather forecaster/research position, working with acclaimed organizations to improve existing modeling techniques and numerical weather prediction forecasting systems.

Education:

UNH Coding Bootcamp

Durham, NH

Certificate in Full-Stack Web Development

December 2021 – Present

- Studied Front-End Development including HTML 5, CSS, vanilla JavaScript, and Bootstrap in conjunction with the creation and functionality of a web application.
- Currently studying Back-End Development aspects including Node.js, MySQL, React.js, introductory computer science, and more.
- Studied application deployment and delivery using GitHub Pages
- Studied API data retrieval using Fetch API, AJAX, and JSON

Embry-Riddle Aeronautical University

Prescott, AZ

Bachelor of Science in Applied Meteorology

January 2017 – May 2020

- Studied the concepts of mesoscale and synoptic meteorology through mathematical representations of atmospheric phenomena and analysis of worldwide NWP model representations.
- Observed development of severe atmospheric phenomenon through radiosonde information, satellite and Radar imagery, and introductory measuring instruments (rain gauges, wind profilers, thermometers). NOAA storm reports, weather journals, interactive maps and weather reporting systems.
- Analyzed the development and enhancement of NWP products while understanding the variety of techniques for forecasting atmospheric conditions.
- Studied abroad in Switzerland utilizing MeteoSwiss European live forecasting and weather equipment.

Work Experiences:

University of New Hampshire

Durham, NH

Food Service Associate

September 2020 - Current

- Organization of food service stations based on nutritional information and dietary requirements
- Assistance in constant sanitation of stations and elimination of cross-contamination and cross-contact
- Aiding clientele with order specifications while maintaining constant replenishment of station supplies

Dream Come True Travel

Rochester, NH

Travel Concierge

June 2014 – May 2020

- Performed and completed services based on clientele specifications through video presentations completed in a timely manner
- Fulfilled administrative duties, group contract negotiations, clientele consultations, and designed online journal entries/vlogs
- Customized social media/sales marketing campaigns
- Designed collateral materials aiding in climatology forecast of the destination using a climograph and monthly climate averages for the given month/year
- Operated independently in the absence of supervision performing all tasks assigned
- Fostered each team member's experiences through weekly info updates to 40 colleagues
- Communicating shared responsibility of results in monthly Zoom and Adobe Connect meetings
- Social Network/Mobile Communication to relay crucial COVID-19 and Government updates

Metro Weather Watch

Evansville, IN

Freelance Meteorologist

June 2020 – January 2021

- Regional weather forecaster for So. Illinois, SW Indiana, W. Kentucky, and the Lower Ohio Valley
- Currently developing tropical weather update forecasts, rise and shine forecasts for the early morning (7-9am), weather graphics
- Developed interactive weather anomaly posts focusing on natural and severe weather events to expand the interest and share weather knowledge with avid weather followers of the area.

Volunteer Experiences:

Lakes Region Humane Society

Ossipee, NH

Volunteer Veterinary Assistant

September 2015 – June 2017

- Ensured that animals were treated humanely and handled carefully with proper love and attention

- Exercised and fed animals in isolation and boarding
- Ensured that animals could play and bond with each other and their care takers

Computer/Programming Skills:

- Meteorological Analysis and Diagnosis Software (MADS)
- Microsoft Word, Excel, and PowerPoint
- Python and Matrix Laboratory (MATLAB)
- Introduction to Linux and UBUNTU Environment
- HTML 5, CSS, JavaScript/jQuery
- Node.js, Object-Oriented Programming

Activities/Memberships

- American Meteorological Society
- Mt. Washington Observatory
- Deep Neural Network model to forecast temperature and precipitation
 - Incorporation of wind and cloud coverage/type elements into forecasts
 - Comparison with current NWP models for accuracy and bias