

Contact

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(LinkedIn)

Top Skills

Strategic Collaboration
Strategy Implementation and Evaluation
Congressional Engagement

Languages

English (Native or Bilingual)
German (Limited Working)

Certifications

How to Serve Customers Using Social Media
Adobe Photoshop

Honors-Awards

Bagby Award
2nd Place Student Employee of The Year
Advanced SKYWARN Storm Spotter
SKYWARN Storm Spotter
Women of Excellence Scholarship

Courtney Byrd

Coastal Resilience Program Analyst II
Jacksonville, Florida, United States

Summary

Experienced Meteorologist with a demonstrated history of working in the information technology and services industry. Skilled in ArcGIS, Forecasting, Coding, Writing, and Communications. Strong ability to bridge the gap between scientific data and readable format for the public.

Experience

Lynker

Coastal Resilience Program Analyst II
November 2023 - Present (2 years 8 months)

- Track, plan, and coordinate strategic collaborations between National Ocean Service (NOS) program activities and broader NOAA, and Interagency efforts and priorities.
- Plan and facilitate events (meetings, workshops, and conferences), including: identifying outcomes of presentations or sessions, framing the sessions, designing facilitation or engagement techniques, identifying and recruiting speakers, and producing the necessary materials for participants and leadership to be fully prepared to participate
- Assist with the creation of work products, including: Agency, Interagency, and White House reports; internal communications documents; design of visuals; and creation of executive presentations and talking points
- Participate in weekly workgroup coordination meetings with the Senior Advisor and key staff from NOS headquarters to communicate and plan for upcoming meetings, presentations, speaking engagements, deliverables, etc.
- Prepare materials and support briefings for senior leadership on various topics such as interagency workgroups and bilateral agency collaborations.
- Facilitate the design, implementation, and evaluation of the strategy for Coastal Resilience Interagency Working Groups
- Support the development of products, tools, and technical assistance related to risk and resilience by collecting user requirements, conducting gap analyses, and coordinating agency review and clearance

- Support the development of input to work products for crossagency boards and Teams.
- Support interorganizational endeavors by helping plan leadership participation in annual meetings and events: Subcommittee on Global Change Research, Interagency Council on Advancing Meteorological Services, Subcommittee on Resilience Science and Technology, etc.
- Contribute to congressional reports, Technical Drafting Assistance (TDA) requests, content for NOAA leadership congressional testimony, and congressional briefing materials as relevant.

Courtney Marie Photography

Owner

September 2019 - Present (6 years 10 months)

Maryland

NOAA: National Oceanic & Atmospheric Administration

MAPP Program Specialist for NOAA Climate Program Office

March 2019 - November 2023 (4 years 9 months)

Silver Spring, Maryland

(Contract through the University of Maryland College Park)

- Organize and review NOAA CPO grant applications for completion during the Federal competition cycle
- Helped publicize the major accomplishments of the MAPP program for Congress and NOAA leadership through written communication products and by liaising with staff in CPO CommEd and OAR Communications/Public Affairs
- Developed framework for announcing CPO's annual new fiscal awards in a timely and effective manner, which resulted in an FY19-FY21 announcement publicized through CPO, OAR, and through a NOAA wide Press Release, garnering interest from the U.S. State Department
- Provide analysis of scientific content and budgets for proposals
- Work with MAPP-funded PIs to translate and communicate their significant research findings to a broader audience via web stories, social media, ESRI story maps, and other means
- Design and update the MAPP website accordingly
- Provide logistical support for in-person and virtual meetings with research partners
- Maintain confidential electronic records for 200+ funded projects in support of the MAPP's research competition cycle
- Design scientific posters, flyers, newsletters, and technical reports for conferences, website postings, and NOAA wide meetings

Jemicy School

Mathematics Teacher at Jemicy Upper School

November 2017 - February 2019 (1 year 4 months)

Owings Mills, Maryland

- Create lesson plans while designing and implementing activities for students with differential learning needs
- Evaluate each student's progress and adjust strategies accordingly
- Ability to teach difficult math and science concepts without overwhelming students
- Keep abreast of developments and technological advances in the mathematical field by reading current literature, talking with colleagues, and participating in professional conferences

GAMA-1 Technologies

AWIPS Junior Linux/UNIX Admin Meteorologist, a NOAA Affiliate

May 2017 - September 2017 (5 months)

Silver Spring, Maryland

- Provide Help Desk Support and Network Operations support to the Weather Forecast Offices, NWS National Centers, and River Forecast Centers.
- Support includes correcting site processes and interface UNIX/LINUX system issues, wide area network (WAN) problems, and satellite broadcast problems
- Able to independently detect and troubleshoot UNIX/LINUX system failures, interact with forecast office personnel and third party vendors for site support, and accurately document all actions taken and provide customer feedback.
- Work closely with the other IT staff to troubleshoot system failures.

MetLoop - Precision Weather Technologies

Meteorologist

June 2016 - March 2017 (10 months)

Destin/Fort Walton Beach, Florida Area

Meteorologist

- Interpret data, reports, maps, photographs, or charts to predict long- or short-range weather conditions, using computer models and knowledge of climate theory, physics, and mathematics.
- Complete routine tasks such as the analysis of meteorological data, interpretation of model data, issuing site-specific forecasts for a 24-hour period, determination of severe weather conditions and the issuance of appropriate warnings and/or advisories for specific area

- Create and produce daily weather videos for social media platforms and for specific clients
- Create and distribute promotional material, compose Facebook and Twitter posts and coordinate all social media platforms for MetLoop

Embry-Riddle Aeronautical University

2 years 1 month

Weather Center Manager

April 2015 - May 2016 (1 year 2 months)

- Responsible for teaching students lab and weather equipment
- Monitored the use of \$250,000 worth of weather equipment
- Provided tours of the studio to University VIPs and both international and national prospective students
- Tutor meteorology, aviation, air traffic management and other students in meteorology, math, physics and communications
- Assist professors with projects and classroom help

Media Lab Manager

September 2014 - May 2016 (1 year 9 months)

- Responsible for teaching students lab and weather equipment
- Monitored the use of \$250,000 worth of weather equipment
- Provided tours of the studio to University VIPs and both international and national prospective students

Media Lab and WX Center Tutor

May 2014 - May 2016 (2 years 1 month)

- Tutor meteorology, aviation, air traffic management and other students in meteorology, math, physics and communications
- Assist professors with projects and classroom help

Family Christian

Sales Associate/ Assistant Manager

August 2013 - March 2014 (8 months)

Daytona Beach, Florida Area

- Organized the store by corporate standards
- Balanced the cash register at the end of the night and documented all expenses to corporate
- Operated under pressure while maintaining professional interaction with customers

Education

Mississippi State University

Master of Science (M.S.), Environmental Geoscience · (2017 - 2019)

Embry-Riddle Aeronautical University

Bachelor of Science (BS), Operational Meteorology · (2012 - May 2016)