

Nate Johnson

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SKILLS

Meteorologist

- Created a first-of-its-kind system for diagnosing weather-related road conditions in real-time
- Analyzed data from various sources, including observations, satellite, and dual-pol Doppler radar
- Interpreted computer models and applied meteorological knowledge to accurately forecast weather
- Advised and counseled clients, viewers, and colleagues on meteorological topics

Broadcaster / Public Relations

- Delivered informative and entertaining weather forecasts and news reports across all media
- Covered severe weather events, balancing a calming presence with a sense of urgency
- Participated in the creation of a successful social media strategy for a top-30 market TV station
- Represented television and radio stations as an ambassador at schools and community events
- Provided public address services for local sporting events

News Producer / Reporter

- Produced live television newscasts, including stacking, writing, editing, and timing stories; coordinating live elements; and managing breaking news coverage
- Reported news stories for television newscasts, including gathering facts, working sources, conducting interviews, writing compelling copy, and shooting and editing video

Instructor

- Presented countless programs to school and civic groups on topics including weather and weather safety, television news, current events, government, and personal economics
- Trained colleagues and clients on various meteorological, technical, and communications subjects
- Taught undergraduate courses in computer basics, operating systems, and computer programming

Computer Systems Administrator

- Engineered a comprehensive data monitoring system, ensuring timely processing and delivery of dozens of data products to hundreds of broadcast clients and thousands of retail consumers
- Provided specifications for, built, installed, and administered computer systems using a variety of operating systems, including Windows, Mac OS/X, and many Unix variants (Linux, BSD, Solaris, AIX)
- Assisted in the evolution and management of system and user policies in large environments

Web Developer

- Created and implemented interactive multimedia web sites for clients in various industries
- Integrated dynamic web pages and back-end databases using Perl, PHP, and MySQL

PROFESSIONAL EXPERIENCE

Executive Producer / Meteorologist	WRAL-TV, Raleigh, NC	2007-current
Data Services Meteorologist	Baron Services, Huntsville, AL	2006-2007
Adjunct Instructor	Texas State Technical College, Abilene, TX	2002-2003
Meteorologist → Chief Meteorologist	KTXS-TV, Abilene, TX	2000-2006
Intern → Meteorologist	WRAL-TV, Raleigh, NC	1999-2000
Web Developer	SE Center for Mesoscale Environmental Prediction, Raleigh, NC	1999-2000

PROFESSIONAL ACTIVITIES

Advisory Committee Member	Weather and Society – Integrated Studies Workshop	2009
Planning Committee Member	Integrated Warning Team Workshop, Kansas City, MO	2009
Chapter Reviewer	Weather and Society – Integrated Studies Compendium	2008
Seal of Approval Reviewer	National Weather Association Broadcast Committee	2006-current

EDUCATION

Bachelor of Science, <i>magna cum laude</i>	Computer Science	May 2000
Bachelor of Science, <i>cum laude</i>	Meteorology	December 1999
Minors: Mathematics; German; and Science, Technology, and Society		
North Carolina State University		Raleigh, NC

RESEARCH

- Ferree, J. T., J. Demuth, G. Eosco, and N. S. Johnson, 2009: **The increasing role of social media during high impact weather events**, 37th Conference of Broadcast Meteorology, Portland, OR. American Meteorological Society.
- Fishel, G., and N. S. Johnson, 2008: **The devil is in the details: When the forecast is very good but the results are very bad**, 36th Conference of Broadcast Meteorology, Denver, CO. American Meteorological Society.
- Johnson, N. S., 2000: **National Weather Service Next Generation Radar: A technology assessment**. Minor Thesis, NC State University, 36pp. [*Unpublished*]

HONORS AND RECOGNITION

Certified Broadcast Meteorologist (#144), American Meteorological Society, Earned 2006
Winner, Best Local TV Weather Person, 2006 *Abilene Reporter-News* Readers' Choice Awards
Winner, Best Local TV Weather Person, 2005 *Abilene Reporter-News* Readers' Choice Awards
Runner-Up, Best Local TV Weather Person, 2004 *Abilene Reporter-News* Readers' Choice Awards
Seal of Approval for Television Weathercasting (#0505891), National Weather Association, Earned 2005
Seal of Approval for Television Weathercasting (#1313), American Meteorological Society, Earned 2003
Outstanding Graduating Senior in Meteorology, NC State University, Awarded 1999

MEMBERSHIPS

American Meteorological Society	1997-current
National Weather Association	1997-current
Upsilon Pi Epsilon Computer Science Honor Society	Inducted 2000

VOLUNTEER ACTIVITIES

Parish Counselor	All Saints Orthodox Church, Raleigh, NC	2009-current
Classroom Consultant / Board Member	Junior Achievement, Abilene, TX	2004-2006
Treasurer / Parish Counselor	Saint Luke Orthodox Christian Church, Abilene, TX	2002-2006
Amateur Radio Operator (KF4WVQ)	Technician Class License	Granted 1998