



Thomas E. Howard, Jr.

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Profile

Experienced developer of websites that utilize the LAMP (Linux, Apache, MySQL, PHP) software stack.

Experience

IT CONSULTANT, DIVISION OF PARKS & RECREATION - STATE PARKS SYSTEM – 2007-PRESENT

Principal developer of web applications utilized by all sections of the Division, e.g., Operations, Administration, Resource Management, Budget, Human Resources, Planning.

IT CONSULTANT, VARIOUS CLIENTS – 2011-PRESENT

Developer of web applications custom designed for Arkansas State Parks, Wake Co. Parks & Recreation, and NC Audubon.

DISTRICT NATURALIST, DIVISION OF PARKS & RECREATION - STATE PARKS SYSTEM – 1981-2007

Responsible for developing interpretive and educational programs focusing on stewardship of the natural resources of NC., maintain inventories of plant and animal species in the state parks system, and participate in resource management activities including directing prescribed fires in state parks.

RANGER-NATURALIST, WEYMOUTH WOODS-SANDHILLS NATURE PRESERVE – 1977-1980

Gave interpretive and educational programs focusing on the longleaf pine ecosystem, inventoried the biodiversity of the Preserve, active in resource management initiatives including Red-cockaded Woodpecker monitoring/cavity restoration and prescribed fire,

Education

North Carolina State University – Master of Wildlife Biology, 1976

University of Miami – Bachelor of Science, 1971

Skills

Able to develop interactive websites that allow experts in a field to share their knowledge of the state's biodiversity with the public, knowledgeable individuals, resource agencies, and other experts. Possess the biological knowledge to facilitate effective communication with the individuals responsible for the content of the websites.

Example Public Websites

Birds of NC - <http://ncbirds.carolinabirdclub.org/index.html>

Mammals of NC - <http://dpr.ncparks.gov/mammals/index.html>

Butterflies of NC - <http://dpr.ncparks.gov/nbnc/index.html>

Dragonflies and Damselflies of NC - <http://dpr.ncparks.gov/odes/index.html>

Moths of NC - <http://dpr.ncparks.gov/moths/index.html>

Hemipteran Hoppers of NC - <http://dpr.ncparks.gov/bugs/index.html>