tory elmore

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PROFESSIONAL EXPERIENCE

09/2017 to Present   **Desert Advocate (Contract), Audubon California** — Inland Empire, CA
- Uses GIS to analyze impacts of proposed renewable energy projects and policies on bird habitat in California deserts
- Creates digital and print maps to support Audubon's and its local chapters' conservation priorities; provides GIS training and support to chapters
- Writes funding proposals for federal and private grants

10/2015 to 04/2017   **GIS Manager, The Wildlands Conservancy** — Oak Glen, CA
- Led, developed, and managed GIS projects across 140,000+ acres
- Conducted species inventories, ecosystem services analyses, phenology monitoring, trail and infrastructure siting and maintenance; created print and web cartography
- Managed GIS-based STEM service learning programs for k-12 students

10/2014 to 10/2015   **GIS/Outreach Coordinator, The Wildlands Conservancy** — Oak Glen, CA
- Piloted spatial data collection, storage, and analysis across all TWC properties
- Developed GIS-based service learning program for k-12 students
- Oversaw and managed volunteer program

03/2014 to 10/2014   **Naturalist, The Wildlands Conservancy** — Oak Glen, CA
- Led and developed curricula for science field trips for 3rd to 5th grade students

06/2012 to 08/2012   **Undergraduate Researcher, Georgia State University** — Atlanta, GA
- Developed a participatory GIS methodology for mapping and managing non-native invasive plant species in a 200-acre urban forest preserve

01/2012 to 05/2012   **Intern, Environmental Protection Agency** — Narragansett, RI
- Georeferenced and digitized vegetation maps; analyzed storm water runoff
- Conducted field breeding bird surveys with Garmin and Trimble GPS units

SKILLS/CERTIFICATIONS
- ArcGIS (Desktop, Pro, Server, Online, mobile apps), Python, GDAL/OGR, HTML/CSS, Photoshop, Illustrator
- Conversant in Spanish
- Wilderness Medical Associates International CPR and Wilderness First Aid Certification

ACCOMPLISHMENTS
- 2019: URISA Young Professional of the Year
- 2018: Elected URISA Vanguard Cabinet Chair
- 2017: Appointed to URISA Vanguard Cabinet of Young GIS Professionals
- 2013: Undergraduate Research Award at UKY's Dimensions of Political Ecology Conference
- 2012: Certificate of Achievement from the Rhode Island State Legislature

PUBLICATIONS
- *Mapping non-native invasive species and accessibility in an urban forest: A case study of participatory mapping and citizen science in Atlanta, Georgia* in Applied Geography, Jan. 2015. (http://www.sciencedirect.com/science/article/pii/S0143622814002331).

EDUCATION   Transcripts available upon request.

Projected 2020   **Master of Science,** GIS and Web Map Programming
University of Wisconsin—Madison, WI (Online)
Coursework in Python, geodatabase and big data management, open-source GIS.

2013   **Bachelor of Arts, with Honors,** Environmental Studies
Brown University — Providence, RI

2016   **UCR Extension** – Riverside, CA
Courses: ArcGIS: Beyond the Basics, Cartographic Design, GIS for Land Use Planning, Spatial Analysis, GIS Database Design.