KRISTEN MICHELLE VAN NESTE

——— FRONT-END WEB DEVELOPER ———

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Motivated Front-End Web Developer with a background in Wildlife Biology. Currently managing the design, development, and collaboration of all web apps at Conservation Science Partners. Proactive, detail-oriented, and conscientious team player.

——————— TECHNICAL SKILLS ———————

 ◆ **Languages**: HTML5, CSS3, JavaScript, Python
 ◆ **Databases/App Services**: Google App Engine, Microsoft Azure Web Services, MySQL
 ◆ **Dev Tools**: VS code, GitHub, Google Cloud Storage, Google Tag Manager, Google Analytics
 ◆ **Other**: Git, NPM, Responsive design, Accessibility, User Authentication, REST API
 ◆ **Frameworks/Libraries**: React, React-Native, Express, Bootstrap, jQuery, Node, Material-UI, MapboxGl JS, React-Map-GL, Deck.GL, Recharts

——————— DEPLOYED APPLICATIONS ———————

Microsoft's Planetary Computer - Analytics Lab + Ai for Earth   Dec. 2021
Built and deployed three web applications (listed below) for the launch of Microsoft's Planetary Computer as well as designed the landing page for the Analytics Lab website (https://analytics-lab.org/ecosystemmonitoring/). Worked closely with data scientists and biologists as the only front-end developer on this project.

  ◆ Connectivity Across U.S. Agricultural Lands: https://cspbeta.z22.web.core.windows.net/

  ◆ Assessing Anthropogenic Impacts: https://cspbeta.z22.web.core.windows.net/project2

  ◆ Monitoring U.S. Forest Change at Scale: https://cspbeta.z22.web.core.windows.net/project3

——————— EXPERIENCE ———————

Conservation Science Partners - *Front-End Web Developer*   Jan 2021 - Present
  ◆ Specializes in building interactive web maps using JavaScript, React, MapboxGL JS, and Deck.GL.
  ◆ First and only Web Developer at CSP, creating all web application standards and procedures.
  ◆ Manages all correspondence between backend engineers and clients regarding app production and design.
  ◆ Maintains the highest UI/UX design standards while balancing multiple projects, budgets, and clients.
  ◆ Familiar with languages and tools such as Python, Docker, Tippecanoe, Google App Engine, and Google Analytics.

National Park Service & Oregon State University, Clemson University - *Wildlife Biologist*   May 2017 - Mar 2020
  ◆ Studied the ecology of carnivores, including mountain lions, fishers, and bobcats by trapping, tracking, and collecting genetic samples in order to draw evidence-based conclusions for scientific research.
  ◆ First Wildlife Biologist to study spotted skunks on both the East and West Coasts.
  ◆ Independently conducted two field research projects which determined the impact of white-nose syndrome on bat populations in Tennessee and the impact of invasive *Phragmites* on duck populations in coastal NJ.

——————— EDUCATION ———————

Rutgers University, New Brunswick - *Professional Certificate in Web Development*   Jul 2020 - Oct 2020
University of Delaware, Newark - *Bachelor of Science, Degree with Distinction*   Sep 2013 - May 2017
Majored in Wildlife Conservation and Ecology, Minored in Anthropology