

KRISTEN M. VAN NESTE

Senior Front-End Developer

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EXPERIENCE

Lead Front-End Developer

Booz Allen Hamilton 2022 - Present Washington, DC

Booz Allen Hamilton Inc. is an American government and military contractor, specializing in intelligence and technology.

- Boosted natural hazard prediction accuracy across the Dept of Defense by developing interactive geospatial dashboards.
- Successfully executed multiple contracts for the Aerospace Account. Conducted presentations, facilitated product marketing to clients, and delivered clean, top-tier components within popular frameworks. Acted as a Subject-Matter Expert (SME) for product owners and UX designers.
- Lead teams of web developers to create successful projects, spearheading new developments in the geospatial and environmental federal space.

Front-End Developer

Conservation Science Partners 2020 - 2022 Washington, DC

Conservation Science Partners (CSP) is a nonprofit established to meet the analytical and research needs of diverse stakeholders in conservation projects.

- Specialized in building interactive web maps displaying environmental data for clients such as Microsoft, American Farmland Trust, and the Bureau of Land Management. Managed correspondence between backend engineers and clients regarding app production and design.
- Oversaw migration of 5+ legacy systems to modern JavaScript frameworks, involving over 10,000 lines of code.

Wildlife Biologist

National Park Service, U.S. Forest Service 2017 - 2020 CA, OR

As a private contractor, I conducted comprehensive studies on carnivore ecology, focusing on species such as mountain lions, black bears, and bobcats. I utilized methods such as trapping, tracking, and collecting genetic samples to draw evidence-based conclusions for scientific research.

- Tracked, captured, and collared the evasive and famous "Hollywood Lion" also known as P-22. The Hollywood Lion was one of 5 lions I tracked, captured, and collared over a 7-month time period spanning over 155,000 acres of land.
- Published author in two scientific journals and presented my findings at the Wildlife Society and Northeast Assoc of Fish and Wildlife Services yearly conferences.
- First Wildlife Biologist to study the elusive eastern and western spotted skunk.

EDUCATION

Professional Certificate in Web Development

George Washington University

2020 Remote

Bachelor of Science, Degree with Distinction, in Ecology and Wildlife Conservation

University of Delaware

2013 - 2017 Newark, DE GPA 3.6 / 4.0

INDUSTRY EXPERTISE

React, Mapbox, Leaflet

HTML5, CSS3, JavaScript, TypeScript

ACHIEVEMENTS AT BOOZ ALLEN

💎 Recipient of the Passionate Service Silver Award

Recognized for my contributions as a Lead UI Engineer on the Census Bureau Data Distribution contract.

💎 Promotion to Lead Developer

In April 2023 achieved promotion to Lead Developer within the Aerospace Account, assuming a managerial role to drive project success.

SKILLS

Git **VS Code** **Jira** **SharePoint**

Azure **Material-UI** **Jest** **Figma**

Geospatial Data Structures

CERTIFICATION

Certified ScrumMaster

[Scrum Alliance](#)

Certified Wildlife Biologist

[The Wildlife Society](#)

PROJECTS

DOD Climate Resilience Portal

05/2024 - Present Washington, D.C.
Spearheaded the third release of the [Portal](#).

- Re-organized the secure code-base and overhauled the deployment process which improved development speeds by 80%. This allowed for more efficient QA and QC testing, communication among developers, and an increase in client satisfaction.

Microsoft's AI for Earth Planetary Computer Launch

2021 - 2022 Washington, D.C.
Collaborated with Microsoft's AI for Earth team to build three [geospatial applications](#) utilizing the Planetary Computer to promote and market the new software.

- The launch was a success with over 1 million webpage views within the first 3 months of the release.