

# CATHERINE PHAM

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Portfolio: <https://crypticwoodwhite.github.io/> | Github: <https://github.com/CrypticWoodWhite>

LinkedIn: <https://www.linkedin.com/in/catherinephamcww/>

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*Currently a student at the University of Washington Full-Stack Coding Boot Camp. Looking to apply ten years of experience in wildlife biology to a career in web development. Strong analytical skills, attention to detail, and both independent and capable of working well with people from a variety of backgrounds.*

## PROJECTS

### SenSaison (in active development)

<https://sensaison.herokuapp.com/>

- An app for citizen scientists to record seasonal natural history events such as first frost and first migrating geese, and that allows any registered user to download and mine the data.
- Responsible for database management and design concept.
- HTML/CSS/JS, Materialize.css, JQuery, Node.js, Express.js, MySQL, Sequelize.js, Cloudinary, OAuth.

### Rain on Your Parade

<https://stefan-apr.github.io/Rain-on-Your-Parade/>

- An event finder that allows users to see the weather forecast for events of interest.
- Responsible for the weather forecast portion of the app, and contributed to the front-end design.
- HTML/CSS/JS, Bootstrap, JQuery, Firebase, four external APIs.

## TECHNICAL SKILLS

**Web development:** HTML/CSS/JS, Git, Bootstrap, JQuery, Firebase, Node.js, Express.js, MySQL, Sequelize.js, Heroku, MongoDB

**Data analysis:** R, SAS, ArcGIS

## SELECTED EXPERIENCE

Ardenna Ecological Research, Seattle, WA

2011 – Present

### Wildlife Biologist

- Provide ecological research services such as data analysis and report writing to government agencies and academic institutions in support of their research, conservation, and natural resources management goals.
- Specialized in wildlife biology, seabird ecology, marine ecology, and fisheries management.

Hawai'i Pacific University, Kaneohe, HI

2014 – 2016

### Teaching Assistant

- Assisted in teaching five marine science classes of up to 30 graduate and undergraduate students.

Ocean Trawler Yachts, Seattle, WA

### CRM Database Manager

2013 – 2014

- Successfully oversaw the transition of over twenty years of paper records into the customer relationship management database *Act!*, and trained staff in the use of the database.

Northwest Seaport, Seattle, WA

2013 – 2014

### Volunteer

- Built a new volunteer, donor, and donation database in MS Access for a non-profit to allow for more secure and efficient management of personal and financial information.

## EDUCATION

University of Washington, **Full-Stack Coding Boot Camp**

2009

Hawai'i Pacific University, **M.S. Marine Science**

2016

University of Virginia, **B.S. Environmental Sciences**

2009