

# CATHERINE PHAM

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

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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

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**iFirst** (*working name, app in development*)

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

**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, JavaScript, Bootstrap, JQuery, Firebase, four external APIs.

## TECHNICAL SKILLS

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

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

## SELECTED EXPERIENCE

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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

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University of Washington, **Coding Boot Camp** 2019

Hawai'i Pacific University, **M.S. Marine Science** 2016

University of Virginia, **B.S. Environmental Sciences** 2009