CATHERINE PHAM

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Portfolio: bit.ly/cwwportfolio | Github: bit.ly/cwwgithub | LinkedIn: bit.ly/cwwlinkedin

Recent graduate with a Full-Stack Web Development certificate from the University of Washington, and with an MS in Marine Science and a BS in Environmental Sciences. Strong analytical and critical thinking skills, attention to detail, and experience working with people from a variety of backgrounds.

PROJECTS

Frenemy *(in development)*   GitHub: bit.ly/frenemygit | Live: bit.ly/frenemylive
- A social app that connects people from opposite ends of the political spectrum based on personal interests.
- Wrote the algorithms for matching users, and responsible for user authentication.
- HTML5/CSS3, TypeScript, Materialize, MERN stack, PassportJS

SenSaison *(in development)*   GitHub: bit.ly/sensaisongit | Live: bit.ly/sensaison
- An app for citizen scientists to record seasonal natural history events, and that allows users to download the data.
- Managed the database and server, and conceived of the design.
- HTML5/CSS3/JS, Materialize, JQuery, NodeJS, ExpressJS, MySQL, Cloudinary, PassportJS.

TECHNICAL SKILLS

Web development: HTML5/CSS3, JavaScript, Git, Bootstrap, Materialize, JQuery, Firebase, NodeJS, ExpressJS, MySQL, Heroku, MongoDB, ReactJS, PassportJS, TypeScript
Data analysis: R, SAS, ArcGIS

SELECTED EXPERIENCE

University of Washington Full-Stack Coding Boot Camp, Seattle, WA   June 2019 – Present
Teaching Assistant
- Assist in teaching a class of adult students by supporting them in independently seeking out and testing solutions to technical questions.

Ardenna Ecological Research, Seattle, WA   2011 – 2019
Founder, Wildlife Biologist
- Provided ecological research services such as analyzing data in R, SAS, or ArcGIS, writing reports of an average of ten pages, and evaluating new research protocols, to government agencies and academic institutions.
- Worked entirely remotely on up to three projects simultaneously.

Ocean Trawler Yachts, Seattle, WA
CRM Database Manager   2013 – 2014
- Successfully managed the transition of over twenty years of paper records of client personal and business information into the customer relationship management database *Act!*
- Trained staff in the use of the database, including how to maintain data integrity and client privacy.

Northwest Seaport, Seattle, WA   2013 – 2014
Volunteer
- Built a new volunteer, donor, and donation database using MS Access and SQL for a non-profit to allow for more secure and efficient management of personal and financial information.

EDUCATION

University of Washington, **Full-Stack Web Development Certificate**   2019
Hawai`i Pacific University, **M.S. Marine Science**   2016
University of Virginia, **B.S. Environmental Sciences**   2009