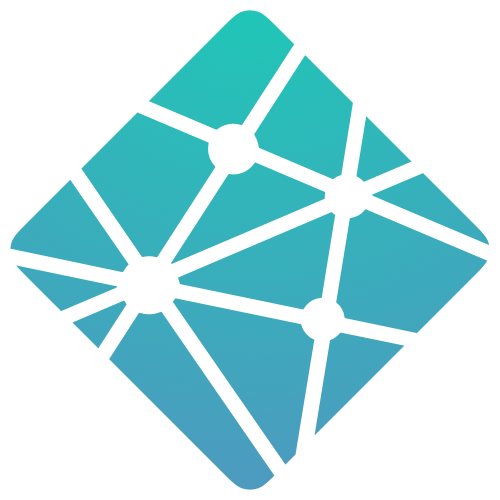
**Summary**

* I am a biologist looking to transition into the software industry.
* I am currently a junior at a local college studying Application Development
* Looking for a junior level position or internship in Software Engineering

**Project**

Hot dog Cart Web App https://hotdog-webapp.netlify.app [github.com/shipitsteven/hot-dog-web-app](https://github.com/shipitsteven/hot-dog-web-app)

* Full stack web app that emulates a hot dog cart business site. It has three distinct views (customer, vendor, admin) with unique functionalities for each type of users
* Built with React, Node.js (Express), MySQL, Semantic UI, Google Maps, Places and Geocoding API. Uses Formik and Yup to handle front-end form validation
* RESTful API with full API documentation & example code. Data modeling with ERD and SQL scripts.

**Experience**

Research Scientist/Engineer AssistantOctober 2019 – Present

*University of Washington @ NOAA Alaska Fishery Science Center*

* Built a new version of an old web app to integrate with the new NOAA fisheries website. Pending approval to migrate to public server. [Bootstrap, JavaScript, PHP, MySQL]
* Generate data reports to track production metrics; simplified the process for quarterly performance reports and lightened the load for our DBA. [SQL, Oracle RDBMS, Microsoft Access]
* Analyze fish stomach content to generate data for ecosystem studies that may ultimately influence commercial fishing regulations. Validate and reconcile data to ensure data integrity.

Fishery Biologist I June 2019 – September 2019

*Pacific States Marine Fisheries Commission @ NOAA Alaska Fishery Science Center*

* Collected and annotated > 60,000 images for Machine Learning/Artificial Intelligence (ML/AI) algorithm to automate marine species identification
* Applied image processing and QC techniques to ensure data quality for end users
* Collaborated with University of Washington researchers to further development of marine EM systems

Fisheries ObserverDecember 2016 – June 2019

*Saltwater Inc. / Alaskan Observers Inc. / TechSea International Inc.*

* Worked cooperatively with crew onboard fishing vessels in Alaska, Washington, and Hawaii to collect fisheries dependent data and reported to NOAA fisheries

**Education**

North Seattle College Expected: June 2022

*Bachelor of Applied Science* – Application Development

*Courses:* Data Structure & Algorithm, Web Application Development, Mobile Application Development, Database Technologies, and Project Management

University of California, Santa BarbaraGraduated: June 2016

*Bachelor of Science* – Biological Sciences

**Technical Skills**

* Languages:Java, JavaScript, Python, SQL, R, YAML, PHP, HTML, CSS
* Tools: React, Node.Js, Express, Git, MySQL, MongoDB, Bootstrap, Semantic UI, JUnit, Unix CLI, Markdown, Jupyter Notebook, R Studio