**Summary**

Software Engineering student with previous background in scientific data collection and data production. Strong knowledge in Java, modern Web technologies (HTML, CSS, JavaScript) and relational database systems.

**Technical Skills**

* **Language:** Java, JavaScript, SQL, Python, HTML, CSS
* **Tool:** Git, Node.Js, MySQL, JUnit, IntelliJ IDEA, VS Code, Unix CLI, Anaconda

**Projects**

**Stomach Examiner’s Tool (web app) Restyling**

* Tools used: php, MySQL, CSS, Bootstrap
* Link: [pending deployment]

**Education**

**North Seattle College Expected: June 2022**

Application Development B.A.S / GPA: 4.0

**University of California, Santa Barbara June 2016**

Biological Science B.S.

**Experience**

**Research Scientist/Engineer Assistant October 2019 – Present**

*University of Washington / NOAA Alaska Fishery Science Center*

* Analyze stomach content of fish species
* Generate data for food habits research and stock assessment
* **Update web application’s page styling**
* Write/Run SQL query in MS Access to **prepare data products**
* **Analyze** food habits data and generate internal tech memo

**Fishery Biologist I June 2019 – September 2019**

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

* Participate in the field party of bottom trawl survey along Gulf of Alaska
* Maintain and collect data for *electronic monitoring* (EM) system onboard vessel
* **Annotate data for artificial intelligence/machine learning program** for automated fish identification and sizing
* Collaborate with University of Washington researchers to further development of EM systems aboard fishing vessels

**Fisheries Observer December 2016 – June 2019**

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

* Work cooperatively with fishing crew onboard vessels in Alaska, Washington, and Hawaii
* Collect fisheries dependent data and report to NOAA fisheries

**Foreign Language**

* Mandarin Chinese (native fluency)