

## Daniel Scarbrough

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### Education

**Bachelor of Science**, Computer Science, Spanish Minor, University of Puget Sound, May 2022

### Summary

Recent Computer Science graduate seeking full-time employment or technical internship. Willing to relocate or work remote. Bilingual, English/Spanish. Some interests of mine are space exploration, cutting edge technology, and creating software that will be used in the real world by real people.

### Languages

Programming Languages: Java, React.js, Python, SQL, SQLite, PHP, HTML, Bootstrap, git

### Professional Experience

**Alaska Department of Fish & Game, Anchorage, AK.**

*Summer 2019-2022*

- Fish and Wildlife Technician and field team member engaged in the systematic collection of biological samples from commercially harvested Pacific salmon at remote processing plants. We compiled data and performed QC to ensure data validity and accuracy. This work serves to inform regulatory processes and annual quotas along with State and industry investment and employment decision-making related to this critical local industry.

### Projects

**Museum Support Web App**, React.js, HTML, PHP, Bootstrap, SQLite3

January 2022 - May 2022

- Senior Capstone Project supplied a Washington state museum with a web-based mobile app for creating and scanning QR codes linked to museum artifacts. The app displayed the artifacts accurately and attractively on mobile devices when the corresponding QR Code is scanned.
- My team role required React JavaScript use to create pages viewable by the user linked to the backend SQLite3 database using JQuery calls to connect our React components with our backend php scripts to ensure proper data display when a QR code is scanned; all whilst ensuring the app remained appealing and functioned properly.

**Fusion Reactor Control System**, Python

October 2020 - May 2021

- Team member responsible for creating the UI and implementing various control systems such as power delivery, gas control and neutron detection running off a Raspberry Pi.
- Implemented Python libraries such as Matplotlib and Tkinter for data display and UI generation.

**Math Game**, HTML, MySQL, PHP, JavaScript

September 2019 - December 2019

- I created the login page for a children's online math game using MySQL database utilizing php scripts for credentials & score tracking and JavaScript to ensure log-in durability.