

Jason Sakamoto

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Technical Skills

Languages: Java, SQL, MATLAB, Python (NumPy, matplotlib, SciPy, Pandas, Jupyter Notebook), R (Shiny, ggplot2, DPLYR), JavaScript, TeX

Databases: Microsoft Azure, MS SQL, JDBC, Asterisk DB

Frameworks: React.js, Tailwind.css, Sanity.io

Software: Microsoft Power BI, Tableau, Figma, LaTeX

Education

University of Washington

Expected June 2026

Bachelor of Science in Applied Mathematics: Data Science Option (GPA: 3.88 / 4.00)

Seattle, WA

- **Minor:** Statistics
- **Relevant Coursework:** Database Systems (SQL), Data Structures and Algorithms (Java), Foundational Skills for Data Science (R), Probability, Multivariable Calculus, Applied Linear Algebra and Numerical Analysis (MATLAB), Partial Differential Equations and Waves

Experience

Web Impact UW

Jan 2024 – Present

Web Developer

Seattle, WA

- Working in a team of coding and design members to create a website for local Seattle restaurant Cafetal Quilombo Cafe.
- Utilizing Github, React.js, Tailwind.css, Sanity.io, and Figma to create a website that aligns with the client's preferences
- Attending weekly workshops to obtain new skills relevant to project

Bellevue Golf Course

July 2022 – September 2023

Pro Shop Sales Attendant

Bellevue, WA

- Responsible for opening the golf course
- Checked in golfers to the busiest golf course in Washington state
- Shared knowledge of golf products and technology to customers to optimize their performance

Projects

Vaccine Scheduler | Java, SQL, Microsoft Azure, JDBC

- A vaccine reservation system application that is connected to a cloud database
- Handles actions from patients and caregivers by keeping track of appointments, caregiver availabilities, and available vaccine doses
- Uses salting and hashing to safely store user's passwords

NFL Player Analytics | Jupyter Notebook, Python, SQL

- A program that manages, analyzes, and models NFL player data to predict fantasy football success
- Utilizes numerical methods such as linear regression to identify trends in data to better understand the impacts of certain statistics

Personal Portfolio Website | HTML, CSS, GitHub

- A personal website consisting of a portfolio and blog developed using HTML and CSS
- Deployed using GitHub pages

Certifications

Data Visualization Certificate

February 2023

Issued by Dubstech and Design Buddies

- Completed Data Visualization Certification program and learned to build projects using Tableau and Microsoft Power BI