Jordan Nakamura

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Summary

Computer science graduate with strong experience in JavaScript, HTML/CSS, React, and Python. Skilled in developing applications across web and hardware platforms, with additional backend experience in DBeaver, PostgreSQL, and test automation. Passionate about innovative technology, real-time systems, and collaborative agile development.

Education

Portland State University, Portland, OR
Computer Science, **Master of Science Degree** Expected Graduation March 2026

University of Portland, Portland, OR
Computer Science Major, **Bachelor of Science Degree** Graduated May 2023

Skills

Javascript, HTML, CSS, Bootstrap, Java, React, Node.js, Python, C, C#, .NET, PyTorch, git, PostgreSQL, CAD, JUnit

Academic Experience

Medical Records Web Application Summer 2024

- Designed a full-stack web application in JavaScript using the React framework to access and manage sensitive patient and scheduling information.
- Backend was created using MySQL which contained patient, appointment, and administrative information.
- Application features include the ability to schedule appointments, add new patients, secure login, view patient data, and view upcoming appointments.

Daimler Trucks Capstone Project Fall 2022 - Spring 2023

- Created a graphing tool for Daimler Trucks North America for the purpose of comparing the elastokinematic test results of their vehicles.
- Coded in Python using libraries such as streamlit, tkinter, and matplot to parse and graph data from a csv file.
- Included the ability to manipulate datasets and graph up to five standard or custom plots.
- Allowed for the customization of line color, x/y axis range adjustment, and x/y axis offset.
- Awarded by the University of Portland with the 2023 Outstanding Computer Science Capstone Project

Web Development Project Fall 2021

- Designed a website on Google Cloud platform to track the operational status of farmers' markets in the Portland area.
- Website utilized Javascript and government databases to showcase key information such as open/close times, location, and communication information.
- Created JUnit tests to validate the functionality of the application.
- Used UML and use case diagrams in presentations to showcase the applications requirements and design.

Arduino Renewable Energy Project Fall 2019

- Built and iterated a functional small-scale wind turbine controller using Arduino microcontrollers and C.
- Integrated sensors for real-time measurement of power output and wind speed.
- Gained hands-on experience with embedded systems, low-level hardware control, and collaborative engineering.
- Selected by faculty to present design and engineering approach to department and students.

Additional Experience

Member, Hawaii Club, University of Portland August 2019 - May 2023
Recipient, University of Portland President's Scholarship August 2019 - May 2023
Employee, Tanaka of Tokyo Restaurant August 2020 - July 2022
Employee, Target September 2023 - December 2023