Masaki Nawa

Junior Year student at Grinnell College looking for new opportunities to create impact and make a difference.
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EDUCATION

Bachelor of Arts - BA, Computer Science, Grinnell College   **Expected May 2023**
- GPA: 3.79/4.00, Dean's List for Fall 2020
- Relevant Courses: Imperative Problem Solving, Data Structures and Algorithms, Introduction to Data Science, Discrete Structures, Software Design and Development, Game Development, Artificial Intelligence

WORK EXPERIENCE

Course Grader, Grinnell College   **Jan 2022 - May 2022**
- Verified the validity of the students' code on labs and assignments and fulfillment of requirements for the Object-Oriented Problem Solving class
- Evaluated students' code for style, quality, and overall design to help them improve their coding skills
- Collaborated with professors to determine the ideal way to grade assignments and resolve potential concerns, including unclear prompts and requirements or any other issues students may face when completing assignments

Cashier & Stock Clerk, Maruichi Japanese Food & Deli   **Jun 2021 - Aug 2021**
- Assisted in organizing files and documents on Microsoft Excel and OneDrive, contributing to a well-ordered retail operation
- Assisted customers in finding their desired items and made sure items were always stocked and ready for purchase (Inventory management)
- Translated communications between and among colleagues and customers to provide better customer experience

TECHNICAL SKILLS

Programming Languages: R, Python, JavaScript, HTML, CSS, C, C#
Technologies: Git, Unity, JQuery, NodeJS, RShiny, Bootstrap, EJS, Heroku

PROJECTS

Assessment Visualization Dashboard   **Mar 2022 - Present**
- R developer and scrum master for Assessment Visualization Dashboard project, a dashboard to support Grinnell College faculty to visualize students' learning achievements using R and RShiny
- Co-ordinated development decisions with clients and managed team with Agile methodology

Dhall Notifier   **Feb 2022 - Present**
- In a team of two, built an application to allow students to view the college dining menu for better user experience with the website and easier access to the menu
- Technologies used: NodeJS, Python, Bootstrap, CSS, HTML 5

College Explorer   **Jan 2022 - Mar 2022**
- Created an interactive map of colleges in the US on RShiny to assist high school students in the college application process
- Implemented an interactive map, scatterplot with a regression line, and data table using R libraries

GPA Calculator   **Jun 2021 - Jul 2021**
- Built a web application to allow a quick and efficient calculation of GPA by entering letter grades and number of credits for each class
- Technologies used: NodeJS, EJS, Bootstrap CSS, HTML 5, CSS, Heroku