Motoki Atarashi

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TECHNICAL SKILLS

- HTML
- React.js
- Redux
- Node.js
- Express.js
- CSS/Sass
- Tailwind.css
- Bootstrap
- MongoDB
- Jest (Unit Testing)
- JavaScript
- Java
- C++
- API
- Git / GitHub

PROJECT (My Portfolio)

Post-It (React.js, Tailwind.css)   Jun 2022 – Jul 2022
- Created an application by using React.js and Tailwind.css.
- Implemented Create post and deleted function using core react concepts such as functional components and hooks.
- Designed a cleaner and beautiful user interface using tailwind.css in a limited time.

Food Intelligence (HTML, Sass, JavaScript)   Apr 2022 – May 2022
- Designed the demo landing website for a virtual start-up company by using HTML and CSS/Sass.
- Developed backend for contact page using JavaScript.
- Created with careful attention to consistency and colour scheme, and design.
- Developed a fully responsive website by using media queries.

WORK EXPERIENCE

Long View Systems   Vancouver, BC
Junior IT Technician   Aug2022 – Aug 2022
- Downloaded and configured Windows and its applications such as office 365 and antivirus.
- Set default passwords and usernames for each license.
- Taught staff how to change passwords and about security.
- Visited all staff and rooms to make sure everything worked.
- Collaborated with supervisor and colleagues to quickly and accurately troubleshoot technical problems when they arose.

EDUCATION

Langara College   Vancouver, BC
Associate of Science Degree in Computer Science   Expected Graduation Date: Jun 2023
- Object-Oriented Programming (Java), Algorithm and Data Structure (C++), Program Design (Python)

The Complete Web Development Bootcamp by Dr. Angela Yu
Udemy Certificates   Date: Aug 2023
- Front-end: HTML, CSS, Bootstrap, JavaScript ES6, jQuery, React, Web Design
- Back-end: Node, Express, REST, API, MongoDB, Authentication, Firebase

ADDITIONAL SKILLS

Object-Oriented Programming (Java)
- Developed several small projects using object-oriented (OO) concepts, encapsulation, information hiding, inheritance and polymorphism.
- Designed the project's plan using modelling tools, such as UMA diagrams and CRC cards.

Algorithm and Data Structure (C++)
- Learned and implemented various algorithms, such as recursion, sorting, searching and dynamic programming.
- Designed insertion sort, quick sort and ¬merge sort paying attention to the time and space complexity.
- Implemented a Binary tree and graph using the concept of a linked list and designed Breadth-First-Search (BFS) and Depth-first-Search (DFS) algorithms for both data structures.

Testing/Debugging
- Designed a test object class program using Junit testing to check a project does not have a logical hole.
- Created a test-driver program by applying the method of ad hoc testing to check if each small part of the program is working.
- Designed automated test scripts using the Jest to find and improve bugs.