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Skills Summary

- Familiar with programming languages(Python, JavaScript, HTML, CSS) and technologies(React, Node.js, Ansible, Docker, AWS, Ubuntu, Github, MySQL).
- Understanding of sorting, binary search trees, and graph searching algorithms.
- Passionate learner demonstrated through Data Analysis and CI/CD at the BCIT.

Projects

Singular Hearing, British Columbia Institute of Technology Project (Sep. 2021 - Dec. 2021)

- Web application used for denoising audio files.
- Updated several features from existing JavaScript-based web application.
- Displayed each type of denoised audio results and compared them with the original file.

City Studio Vancouver, British Columbia Institute of Technology Project (Jan. 2021 - Apr. 2021)

- Python-based application used for a collection of excel data on a certain year.
- Implemented the each city's APIs which are given to grab published data.
- Displayed and saved all collected data sequentially.

The Basic CI/CD Design Assignments (Sep. 2021 - Dec. 2021)

- Implemented the basic CI/CD environment through GitLab and Jenkins.
- Implemented real-time notice using Discord.
- Implemented a common CI/CD environment in multiple similar projects.

Developing Game Assignments (Sep. 2021 - Dec. 2021)

- Maze game written in Python and hang-man, whack-a-mole written in JavaScript.
- Implemented position shuffling using random number generator, arrays, and images.
- Implemented object-oriented design and simple React.
- Written in Python, JavaScript, HTML, and CSS.

Audio Library Assignments (Sep. 2021 - Dec. 2021)

- Audio library written in Python with a friendly user interface.
- Implemented audio list with object-oriented design.

Education & Certification

FreeCodeCamp - Scientific Computing with Python (July 2022)

Computer Information Technology Diploma(GPA: 71%) (2019 - 2021)

British Columbia Institute of Technology

- Launched a web application and web game using JavaScript and analyzed data using Python.
- Developed an audio library, a simple maze game, and a flash game called 'hang-man'.
- Project experience to update several features (City Studio Vancouver, Singular Hearing)
- Relevant Courses: Object Oriented Programming, Database System, Applied Algorithms, Developing web application, Enterprise System Integration, Data Analytics.

Computer Software Development Bachelor (2007 - 2012)

SeMyung University, Korea(Republic of)

- Developed flash games targeted toward youth ages.
- Mostly learned about software works and algorithms using a programming language.