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Skills Summary

- Familiar with programming languages(Python, JavaScript, HTML, CSS) and technologies(React, Angular, Node.js, Ansible, Docker, AWS, Ubuntu, Github, MySQL, Jenkins).
- 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 Practicum (Sep. 2021 - Dec. 2021)
- Web application used for denoising audio files.
- Built several features - Added various modes selection,
  Added progress bar when the audio file is denoised,
  Displayed each type of denoised audio results(downloadable),
  Compared them with the original file.

City Studio Vancouver, British Columbia Institute of Technology Practicum (Jan. 2021 - Apr. 2021)
- Built an application for collecting data - https://citystudiovancouver.com/projects/pycity/
- Implemented each city's APIs which are given to grab published data.
- Saved all collected data into excel file sequentially by year and location.

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 projects which is completely separated.

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 MVC design.

Education & Certification

FreeCodeCamp Certifications - 2022
- **Scientific Computing with Python & JavaScript Algorithms and Data Structure & Data Analysis with Python**

Computer Information Technology Diploma (2019 - 2021)
British Columbia Institute of Technology
- Built and Updated software and web application by using Python and JavaScript.
- Developed an audio library, a simple flash game and analyzed data.
- Relevant Courses:
  Object Oriented Programming, Database System, Applied Algorithms, Developing web application, Enterprise System Integration, Data Analytics, Provisioning, Service Based, Cloud Computing.

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.