Bach Nguyen

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SKILLS

- **Languages**   Python, C++, SQL, JavaScript, HTML, CSS
- **Frameworks**   Bootstrap, NodeJS, ExpressJS, ReactJS
- **Tools**   Git/GitHub, Figma, Adobe XD, Jira, Slack
- **Soft Skills**   Leadership In Project Coordination, Virtual Collaboration Skills, High Degree of Initiative, Perseverant

PROJECTS

- **Genre-ator**
  PYTHON, Youtube DATA API, Spotify API, Spotipy
  - Generate a Spotify playlist for user extraction of a Youtube Channel's playlist or music content.
  - Automate retrieving and extracting to streamline transfering larger playlists or channel content to save users time.
  - Users saw an average of 35% reduction in time spent transfering with Genre-ator as opposed to search and add manually.

- **Mini-Git**
  C++
  - Mimics a Git repository on a local environment to familiarize users with the process of Git and its commands.
  - Educate new users on the functions of the various git commands by showing visualizations in terminal.
  - Ranked third most helpful project within the class via student evaluation.

- **Formula One Manager Game**
  C++, OOP
  - A turn-based game inspired by the Formula One driver's engineer role.
  - Educate users on the basics of the technical side of Formula One via gameplay strategy.
  - Top 10 most downloaded project within a class of more than 300 students.

EXPERIENCE

- **University of Colorado Computer Science Department**   Boulder, CO
  Course Assistant   *June 2021 - August 2021*
  - Collaborated with professors in supervising & teaching weekly recitation sessions for a class of 200 students on the topic of Data Structures & Algorithms.
  - Led office hours & student discussions to assist students with course related assignments; guide students towards identifying and solving their bugs & logic.
  - Provided students with the tools, skills, & various perspectives to develop their own problem solving methods.
  - Saved professors on average of 10 hours a week in student help related tasks, which allocated time for professors to organize lecture related preparation & teaching.

- **Unser Karting & Events**   Denver, CO
  Sales & Event Planner   *Apr 2017 - Dec 2020*
  - Applied product knowledge to client's needs by communicating amenities and benefits. Retained communications with all possessed leads to build long term relationships & future sales.
  - Coordinated strategies among the operational & management team to deliver client's demands & ensure operational success.
  - Collaborated with the marketing department to coordinate promotional events & deals; generated exposure physically and virtually.

EDUCATION

- **University of Colorado Boulder — GPA: 3.4/4**   Boulder, CO
  Bachelor of Arts in Computer Science · Minor in Creative Technology Design   *Expected Dec 2023*

COURSES

- Data Structures, Algorithms, Software Development Tools & Methods, Web Design & Development, Computer Systems, Human Computer Interactions.