Nicholas Bowden

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Summary

Creative and flexible graduate driven by an endless curiosity and desire to learn. Excited to launch career into computer science and tech industry. Versed in multiple programming languages and multiple technologies. Adept at learning new skills quickly and efficiently. Diverse in work experience, education, and skills ready to be leveraged on the problems ahead.

Education

Oregon State University - **BS in Computer Science**   2020-present
    GPA: 3.9, Post-baccalaureate program
Eastern Washington University - **BA in Music**   2010-2015
    GPA: 3.6, Dean's list for 6 quarters.

Skills Summary

Communication
- Excelled in a challenging speech communications class achieving a 4.0 GPA.
- Accommodated customers while arranging catering/special orders at Caruso's.
- Organized practice with music ensemble/section members outside of normal hours.

Teamwork/Collaboration
- Collaborated with many different music ensembles ranging in size and skill level. These ranged from 2-100+ people with mixes of friends, colleagues, instructors, faculty, and industry professionals.
- Designed weekly curriculum for summer programs at Spokane Boys and Girls Club.

Leadership
- Managed peers and led rehearsals as drumline section leader in EWU marching band.
- Developed and facilitated summer day programs for groups of 20-30 kids at the Boys and Girls Club.

Coursework & Projects

CS 161 – Introduction to Computer Science I
CS 162 – Introduction to Computer Science II
CS 225 – Discrete structures in Computer Science
CS 261 – Data Structures

CS 271 – Computer Architecture and Assembly
    Language
CS 290 – Web Development
CS 340 – Introduction to Databases

HelpDesk – Single page RESTful application to manage support tickets. Uses a database on the backend to store data that can be viewed and added to via the frontend UI.
- Utilizes Javascript, Nodejs, Express, and mySql database.
- Features a RESTful architecture while managing database CRUD functionality.
- Dynamically displayed UI, facilitating easy communication between frontend and backend.

DFS/BFS/Dijkstra's – Implementations of the depth first search, breadth first search, and Dijkstra's search algorithms in undirected and directed graphs.
- Written in Python and follows best practice guidelines.
- Employs adjacency lists and matrices to find valid paths, connected nodes, cycles, etc.

Work Experience

Dungeness Valley Landscaping | Landscaper | Sequim, WA | 2017-present
Caruso's Sandwiches and Pizza | FOH & BOH | Spokane, WA | 2015-2016
Spokane Boys and Girls Club | Staff Member | Spokane, WA | Summer 2012