Dalton Shults

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# Summary of Qualifications

* Over three years of programming experience, with Java, Python, PHP, and JavaScript
* Led a team of over forty employees and preserved interpersonal work relationships by using conflict management skills built while working
* Properly trained and supervised over a dozen new hires in two years
* Consistent concise communicator learned through group projects while at school and at work
* Collaborating within small teams through Discord, and Microsoft Teams to manage long term projects

# Education

## BACHELOR OF COMPUTER SCIENCE | in progress | Oregon state University | GPA: 3.8

**Course Work:**

* Machine Learning: Expanded knowledge of Machine Learning algorithms and AI. Worked with libraries like Scikit-learn, Pandas, Matplotlib, and TensorFlow. Created Machine Learning models from scratch. Spent time creating experiments and presented the results using Python generated graphs.
* Analysis of Algorithms: Grew an understanding of common algorithms focusing on backtracking, dynamic programming, and greedy algorithms. As well as graph theory with applied concepts, and a focus on refining a comprehension of recursion.
* Parallel Programming: Extended an understanding of creating parallelized and concurrent programs. CUDA kernels, SIMD programming, and GPU architectures were examined in detail. OpenMP, OpenCL, and OpenGL were all used in this course.
* Operating Systems II & II: Explored how operating systems run the machines we write code on. POSIX was used to explore parallel programs, and multithreaded programming. Within these courses a file system, and virtual memory systems were built.

## computer science as. or transfer| In progress | Central oregon community college

* Computer Science II: Tackled intermediate OOP concepts, including classes, inheritance, coupling, and cohesion.

# Skills & Abilities

## computer science

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| * Python 3 * Java * JavaScript * TensorFlow, and Pandas | * OpenCL/OpenMP * SQL * Git/GitHub * C/C++/CUDA/POSIX | * Linux/Ubuntu * BASH and scripting * Ruby/ Ruby on Rails * Scikit-learn |

# Experience

## assistant manager | 900 wall | march 2018 – nov 2020

* Designed schedule, and reduced labor costs by 23% within six months
* Oversaw daily responsibilities including accounting, stocking, and staffing
* Organized and operated wine cellar selections within a small team including monthly purchasing
* Operated in a high-stress environment while maintaining a positive leadership role
* Implemented new training procedures to increase productivity