DAVID MERCADO

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Objective: My goal is to find employment in an organization where I can contribute to the success of, not only with my skills in leadership, but computer programming as well. Dec 2019 is when I will earn my Bachelor's Degree in Computer science and a 'Power Energy in Kentucky' (PEIK) certificate.

Education: University of Kentucky, Lexington, KY
Computer Science Major   **Projected Graduation:** Fall 2019
GPA: 3.09

Relevant Courses: Introduction to Software Engineering Techniques, Introduction to Program Design Abstraction/ Problem Solving, Design of Logic Circuits, Introduction to Computer Programming, Introduction to Computers, System Programming, Web Programming, Algorithm Design and Analysis, Logic and Theory of Computing, Mobile Application Device for IOS, Graphics and Multimedia, Intro to Database System. Currently enrolled in Bioinformatics, Introduction to Computer Networking, Software Engineering.

Skills:

- Secret Clearance (possibly expired)
- HTML programming language
- CSS programming language
- JavaScript programming language
- ASP.NET Razor C#
- T-SQL programming language
- Java programming language
- Swift programming language
- PowerShell
- Bash
- Python programming language
- C++ programming language
- C programming language
- Unix/Linux commands
- Nodejs programming language
- PHP programming language
- Ruby programming language
- GDB
- Valgrind
- Git
- Clingo/Gringo
- Matlab
- Rstudio
- Xcode
- Visual Studio
- Adobe Premiere Pro CC
- Adobe After Effects CC
- Adobe Photoshop CC
- Adobe Illustrator
- Microsoft Office
- Fluent in Spanish

Experience:
*Student Web Developer- **University of Kentucky***   *March 2018 –Present*
-Working to develop and implement new templates for both external and internal sites consistent with the college's branding. Writing or modifying modules, add-ons to contribute or refine functionality of content, within certain websites for the college. Creating or modifying content elements and/or websites for the college. Working with stored procedures in SQL database to relay information on devices across campus in a visual way, for persons in power to decide how much finance to allot for devices/ device upkeep. I also automated daily reports by taking data from our database and graphically displaying this data on the website. Thus helping optimize work flow efficiency.

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*Project Manager- **Julian Tile Works***   *January 2015 – February 2018*

-I was responsible for the employment of workers to different job sites. Ensuring the construction and/or demolition of specific needs, directed by the general contractor and/or the head engineer/architect as well as the client's needs. I was also responsible for drawing up contracts, estimates as needed, and coordinated purchases and transportation of needed materials to different job sites.

*Main Battle Tank Repairer-Technician/ Reserve Command Physical Training Rep./ Launcher Chief/ Local Security Chief- **United States Marine Corps.***   *March 2010- March 2017*

-As a Main Battle Tank Repairer/ Technician (MBTR) it was my duty and responsibility to perform inspections, maintenance, and repairs of the Marine Corps. Main Battle Tank (MBT) and the Tank Retriever (Hercules M88A1). This directly correlates to whether an entire company (~200 Marines) is Combat Ready (twelve tanks valued at roughly 4.3 million dollars each). As the MBT repairer/technician I also completed basic shop administrative forms and records utilizing technical manuals. At the grades of sergeant and above, I was in charged of training, supervising, and performing various duties and tasking incidents that related to the inspection, maintenance, and repairs of the automotive and turret systems of the MBT. I also prepared, maintained, and supervised shop maintenance and management programs, as well as coordinated maintenance and recovery operations according to grade, regulations, and tactical operations.

-As the Command Physical Training Representative (CPTR) I was responsible for coordinating and supervising the execution of regularly scheduled organizational Physical Fitness Tests (PFT) as well as the Combat Fitness Tests (CFT). Responsibilities included, but was not limited to: select and train PFT/CFT monitors (as required), select CFT location, select PFT run route, conduct PFT and CFT Operational Risk Management (ORM) evaluations for the entire unit (roughly about 200 Marines), documented and recorded PFT/CFT evaluation performance data, managed and maintained PFT/CFT documentation, conducted rigorous physical training events in preparation for PFT/CFT.

-As the Launcher Chief I was responsible to the Platoon Commander (equivalent to an Executive Manager) for the leadership, welfare, discipline and accountability of the Marines in my Section; Retained final responsibility for the safe, timely, and accurate firing of the M142 High Mobility Artillery Rocket System (HIMARS) Launcher (multi-million dollar equipment with "Secret" rated intelligence clearance required); Received and processed fire missions; ensured all rockets and missile ammunition is handled properly (~$1,000,000.00 value); Managed, oversaw and tracked the required maintenance and preventive maintenance of all sections that held HIMARS associated equipment; Maintained, accounted and tracked all SL-3 gear (several thousand dollars worth) within the section; Served as Platoon Sergeant (equivalent to a Director) as required.

-As the Local Security Chief I was responsible for the units entire defense and having 360 degree security with interlocking fields of fire and having no "blind spots," my knowledge of terrain and key land features gives the emplacement of heavy, medium, and light machine guns the optimal advantage on the battlefield and the survivability of the entire unit. I trained and supervised personnel in the use and employment of crew-served weapons (several thousand dollars worth). I also accompanied the CO (equivalent to a chairman of the board) on movements and leaded security sweeps with the advance party. When in position, I generated the defensive diagram and ensure that it is reviewed by the XO (equivalent to a Deputy Director) and forwarded to battalion for integration with other supporting unit's defensive plans.