Mark Anthony Miloslavic Jr.

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Portfolio: https://espresso4themind.github.io/markmiloslavicjr

Self-motivated professional with a reputation for reliability, commitment and teamwork, seeks challenging opportunities to apply skills and experience towards a bioinformatician or data scientist position. Qualifications include honorable military service, advanced education in bioinformatics, and an unquenchable curiosity to learn more and connect with others in the world of science.

HIGHER EDUCATION

Graduate Certification in Bioinformatics Technology	University of North Carolina at Charlotte	2019
Bachelor of Science in Biology	University of North Carolina at Wilmington	2018
Associate of Science in Applied Science	Coastal Carolina Community College	2015

RESEARCH

Erwin PM, **Miloslavic MA**, Lopez-Legentil S. 2019. Distance-decay relationships in sponge microbiomes: A global perspective. Study to be presented at the Benthic Ecology Meeting 2019 in Canada.

PROFESSIONAL SKILLS

Bioinformatics

Familiar with the fundamentals of genomics, transcriptomics, proteomics, and other biomolecular sciences

Ability to adhere/document scientific methodologies and ensure reproducibility of results for peer-review publication

Data Analysis

Proficient in parametric/non-parametric multivariate statistical modeling principles

Ability to compute large-scale statistical models and fashion results into high-quality graphs for peer-review publication

Ability to design and implement automated pipeline solutions to reduce large-scale data workload

Programming

Proficient in HTML, Linux, Python, PostgreSQL, and R languages

Ability to reconfigure, concatenate, or parse large dataset files for easier interpretation and analysis of data

Proficient in connecting and operating remotely on high-performance machines via SSH

Familiar with cloud-based version control systems for collaborative software development (i.e. GitHub)

Tools & Libraries

Highly proficient in Microsoft Office Suite (i.e. Outlook, PowerPoint, Word, Excel)

Familiar with various Python libraries for data research development (e.g. Biopython, Matplotlib, Pandas, NumPy etc.)

Familiar with numerous bioinformatic-specific tools to facilitate the entire workflow of NGS data

Interpersonal

Strong desire to cultivate relationships and partner externally with experts across industry and academia

Strong ability to proactively and collaboratively engage with team members

Excellent written and oral communication skills

EMPLOYMENT HISTORY

Delivery Driver   **Papa Johns**   **Charlotte, NC**   **Oct 2018 – Dec 2018**

CAO Clerk   **Defense Commissary Agency**   **MCAS New River, NC**   **Jul 2016 – Dec 2016**

- ❖ Physically assessed store-front/warehouse stock levels and computationally managed product inventory/shipment data within the Computer Assisted Ordering (CAO) system

Delivery Specialist   **Rent-A-Center**   **Jacksonville, NC**   **Apr 2016 – Jul 2016**

Volunteer Firefighter   **Swansboro Fire Department**   **Swansboro, NC**   **Jul 2012 – Sep 2014**

- ❖ Managed computer data entries of incident reports, maintenance reports, and daily-shift operation logs
- ❖ Dedicated over 500 hours performing numerous emergency-service and community-service acts

Infantry Reconnaissance   **U.S. Marine Corps**   **Various locations**   **Sep 2007 – Dec 2011**

- ❖ Displayed advanced proficiency in the tactics, techniques, and procedures (TTPs) in camouflage and concealment, marksmanship, scout swimming, small-boat and amphibious operations, small unit tactics and limited-scale raids, airborne and waterborne insertion/extraction methods, land and maritime navigation, assault climbing, small-scale demolitions, and advanced reconnaissance/surveillance reporting methods for supporting arms
- ❖ Effectively supervised and mentored a platoon of infantry Marines by giving constructive feedback, one-on-one career and financial counseling, quarterly written performance evaluations, and directly oversaw their annual administrative requirements, combat training requirements, and family readiness in preparation for OIF/OEF combat deployments
- ❖ Managed and personally maintained absolute 100% firm accountability of all government-issued controlled/serialized gear such as small-arms weapons, crew-served automatic weapon systems, sophisticated radio and encrypted satellite communication devices, combat vehicles, rifle and machine gun ammunition, C-4 explosives, and tactical field equipment

MAGTF Logistics Planner   **U.S. Marine Corps**   **Various locations**   **Jun 2003 – Sep 2007**

- ❖ Coordinated with superior and subordinate command units to methodically formulate sophisticated Time-Phased Force Deployment Data (TPFDD) based on urgency, feasibility, and precedence of unit assets and logistical transportation requirements
- ❖ Participated in multi-national Force Deployment Planning (FDP) conferences as a command unit representative, contributing to strategy for logistical support of combat scenarios, and collaborated with numerous liaison officers and high-ranking DoD officials in order to support DoD operation plans (OPLANS), contingency plans (CONPLANs) and large-scale warfare exercises
- ❖ Meticulously drafted and released official high command correspondences, detailing critical information of personnel/assets and formally requesting airlift from the United States Transportation Command (USTRANSCOM), Air Mobility Command (AMC), and other federal/DoD transportation agencies
- ❖ Experienced utilizing, storing and safeguarding highly classified sensitive materials, encrypted communication devices, and SIPRNET computer systems while maintaining a Top Secret SCI government security clearance