

Mark Anthony Miloslavic Jr.

PROGRAMMER SCIENTIST VETERAN

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HIGHER EDUCATION

Graduate Certification in Bioinformatics Technology	University of North Carolina at Charlotte	2019
Coursework: Programming I & II, Databases, Statistical Analysis, Genomics		
Bachelor of Science in Biology	University of North Carolina at Wilmington	2018
Coursework: Microbiology, Genetics, Virology, Immunology, Calculus		
Associate of Science in Applied Science	Coastal Carolina Community College	2015
Coursework: Biology, Chemistry, Physics, Algebra		

RESEARCH PUBLICATION

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

TECHNICAL SKILLS

Programming Languages	Python, PostgreSQL, R, Linux/Bash/Awk, HTML5/CSS3
Development Tools	IntelliJ PyCharm, PSQL, RStudio, Ubuntu, Adobe Photoshop, Microsoft Office Suite
Python	NumPy, Pandas, SciPy, Biopython, Plotly, Matplotlib, Bokeh, Scikit-learn, Django, Flask
Bioinformatic Tools	SRA Toolkit, FastQC, Trimmomatic, SPAdes, IGB, Bedtools, Prokka, Mauve, Bowtie2, SAMtools, Featurecounts, BCFtools, QIIME2
Languages	English (native), Spanish (proficient)

EMPLOYMENT HISTORY

Delivery Driver	Papa Johns	Charlotte, NC	Oct 2018 – Dec 2018
CAO Manager	Defense Commissary Agency	MCAS New River, NC	Jul 2016 – Dec 2016
• Computationally managed product inventory and shipment data within the Computer Assisted Ordering (CAO) system			
Delivery Specialist	Rent-A-Center	Jacksonville, NC	Apr 2016 – Jul 2016
• Delivered furniture/appliances to customer's homes and computationally managed customer accounts and payment records			
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 500+ hours performing numerous emergency-service and community-service acts			
Infantry Platoon Leader	U.S. Marine Corps	Various locations	Sep 2007 – Dec 2011
• Effectively mentored 18+ Infantry Marines and supervised their annual administrative and combat training requirements			
Embarkation Transportation Manager	U.S. Marine Corps	Various locations	Jun 2003 – Sep 2007
• Coordinated with various units to strategically formulate sensitive time-phased transportation data of military personnel and unit assets in support of global military logistics and operations			
• Participated in DoD conferences as command unit representative, contributing to the strategy for logistical support			
• Drafted/released official correspondences detailing critical embarkation data to other federal/DoD transportation agencies			
• Experienced utilizing/safeguarding highly-classified sensitive materials while maintaining a Top-Secret SCI govt. clearance			