

# Mark Anthony Miloslavic Jr.

PROGRAMMER      SCIENTIST      VETERAN

Cell: 760.805.2892  
Email: mark@miloslavicjr.com  
Portfolio: miloslavicjr.com



## HIGHER EDUCATION

<b>Graduate Certification in Bioinformatics Technology</b>	University of North Carolina at Charlotte	2019
Coursework: programming I & II, databases, statistical analysis, genomics		
<b>Bachelor of Science in Biology</b>	University of North Carolina at Wilmington	2018
Coursework: microbiology, genetics, virology, immunology, calculus		
<b>Associate of Science in Applied Science</b>	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

<b>Programming Languages</b>	Python, PostgreSQL, R, Linux/Bash/Awk, HTML5/CSS3
<b>Python Packages</b>	NumPy, Pandas, SciPy, Biopython, Plotly, Matplotlib, Bokeh, Scikit-learn, Django, Flask
<b>Developer Applications</b>	IntelliJ PyCharm, PSQL, RStudio, Ubuntu, Adobe Photoshop, Microsoft Office Suite
<b>Bioinformatics Applications</b>	SRA Toolkit, FastQC, Trimmomatic, SPAdes, IGB, Bedtools, Prokka, Mauve, Bowtie2, SAMtools, Featurecounts, BCFtools, QIIME2

## EMPLOYMENT HISTORY

<b>Delivery Driver</b>	<b>Papa Johns</b>	<b>Charlotte, NC</b>	<b>Oct 2018 – Dec 2018</b>
<b>CAO Manager</b>	<b>Defense Commissary Agency</b>	<b>MCAS New River, NC</b>	<b>Jul 2016 – Dec 2016</b>
<ul style="list-style-type: none"><li>Computationally managed product inventory and shipment data within the Computer Assisted Ordering (CAO) system</li></ul>			
<b>Delivery Specialist</b>	<b>Rent-A-Center</b>	<b>Jacksonville, NC</b>	<b>Apr 2016 – Jul 2016</b>
<ul style="list-style-type: none"><li>Delivered furniture/appliances to customer's homes and computationally managed customer accounts and payment records</li></ul>			
<b>Volunteer Firefighter</b>	<b>Swansboro Fire Department</b>	<b>Swansboro, NC</b>	<b>Jul 2012 – Sep 2014</b>
<ul style="list-style-type: none"><li>Managed computer data entries of incident reports, maintenance reports, and daily-shift operation logs</li><li>Dedicated 500+ hours performing numerous emergency-service and community-service acts</li></ul>			
<b>Infantry Platoon Leader</b>	<b>U.S. Marine Corps</b>	<b>Various locations</b>	<b>Sep 2007 – Dec 2011</b>
<ul style="list-style-type: none"><li>Effectively mentored 18+ Infantry Marines and supervised their annual administrative and combat training requirements</li></ul>			
<b>Embarkation Transportation Manager</b>	<b>U.S. Marine Corps</b>	<b>Various locations</b>	<b>Jun 2003 – Sep 2007</b>
<ul style="list-style-type: none"><li>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</li><li>Participated in DoD conferences as command unit representative, contributing to the strategy for logistical support</li><li>Drafted/released official correspondences detailing critical embarkation data to other federal/DoD transportation agencies</li><li>Experienced utilizing/safeguarding highly-classified sensitive materials while maintaining a Top-Secret SCI govt. clearance</li></ul>			