# 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

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| **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** |
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| **CAO Manager** | **Defense Commissary Agency** | **MCAS New River, NC** | **Jul 2016 – Dec 2016** |
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- 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** |
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- 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** |
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- 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** |
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- 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** |
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- 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