<h2>Mark Swift<h2>

<h4> Norfolk, VA | 757-895-5818 | <u><a href="https://www.linkedin.com/in/mark-swift-68798b18a/">LinkedIn</a></u> </h4>

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  <a href="contact.html">Contact</a>

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<b> EDUCATION </b>

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<italics> BS in Electrical and Electronics Engineering (GPA: 3.55) Graduation Date: December 2022 <italics>

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<li>Awards/Organizations: PEO IWS Award from Naval Sea Systems Command, African American Leadership Society 2022 STEM scholarship winner, Thurgood Marshall College Fund/Chevron Summit 2nd Place winner, NSLS Membership Outreach Chair, IEEE Treasurer, Norfolk State Presidential Intern 2022

<li>Government Clearance Level: Secret

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<b> SKILLS </b>

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<b> Languages: </b>

Python, C++, Linux, SQL, HTML, CSS, Matlab, Mathcad, NI LabView

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<b> EXPERIENCE </b>

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<br> <b> Naval Sea Systems Command (NAVSEA) &emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp; Virginia Beach, VA </b>

<br> <i> Electrical Engineer &emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;

&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;June 2021 - Present</i>

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<li>Collaborated with engineering team, providing technical support to configure and diagnose servers transported to base using Linux, set BIOS settings and make all firmware updates on all switches and routers, and install any necessary network devices. Once complete a DD1149 is created, and the updated equipment are deployed to their designated warship(s).

<li>Installed SSDS (Ship Self Defense System), a combat analysis program in Linux that provided classified insight of the dynamics of naval combat onto LPD-28 in Pascagoula, Mississipp

<li>Awarded PEO IWS of Excellence from NAVSEA for thoroughness of my engineering and programming team aboard LPD-2

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<br> <b> Norfolk State University &emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp; &emsp; &emsp;&ensp; Norfolk, VA </b>

<br> <i>Presidential Intern &emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;

&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;October 2022-Present</i>

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<li>Using data science, developed and modeled the most streamlined process for companies to be arranged that optimizes student productivity during our largest career fair

<li>Augmented spaces in the Metaverse using Virtual Reality to create accessible spaces for Norfolk State Students to interact, network, and connect with each other and other companies

<li>Acted as the manager for all NSU Presidential Interns to organize and facilitate meetings held by our university assuring that every intern received the support that they need from me was readily equipped with their assignment

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<br> <b> McDemmond Center for Applied Research &emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp; Norfolk, VA </b>

<br> <i>Student Researcher&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;

&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;&nbsp;December 2021 – Present</i>

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<li>Designed software in LabView and used data acquisition units to calibrate and focus two disjoint lasers onto reflecting glasses that unified into a singular, powerful beam.

<li>Collaborated with engineering and scientific team to perform centrifuge operations on quantum dots, analyze the wavelengths using spectroscopy, and blue shift the CdSe quantum dots successfully using purification

<li>Accredited for my contribution on quantum dots research in a publication done by the PhD student I studied and shadowed under

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