DEMAYNE **COLLINS**

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SUMMARY

Systems Engineer focused on supporting large-scale software systems. Proficient in Python and Javascript. Experienced Systems Engineer with excellent client and project management skills. Action-oriented with strong ability to communicate effectively with technology, executive, and business audiences. Results-oriented Software Engineer comfortable switching between architecture, design and implementation.

SKILLS

- Product development and improvement
- Proficient with Django and Flask web development
- frameworks
- Troubleshooting and analysis
- Change control documentation
- Requirement documentation
- Strong decision maker
- Technical writing
- NodeJS

- Domestic and International Foreign Military Sales(FMS)   Experience
- Client communication
- Managed and performed budget execution on a large scale Navy acquisition program

- Project management
- Python
- Javascript
- Kotlin
- Back-end server side programming

EXPERIENCE

08/2010 to Current   **Systems Engineer**

Naval Sea Systems Command – Washington, DC

Collaborated with international customers, 10 internal staff engineers and other partners to determine planning, implementation and integration of system-oriented projects that supported a new computer program development configuration.

Developed and successfully deployed a portfolio/blog website utilizing Python and Django interface web development framework that is hosted on a remote server.

Prepared a Statement of Work requirements document to support the implementation, design, test, and integration of the Multi-Mission Signal Processor Restoration (MMSP-R) software upgrade/modification program for Korean new construction Aegis ships

Lead a team of 25 software engineers in the installation and check out procedures to support the execution and delivery of a computer program upgrade to fix performance issues on board an international customer vessel.

Assigned as the lead Combat Systems Engineer for Advanced Capability Software Builds for computer program development in support of Aegis Ballistic Missile Defense ship platforms to include software integration and test.

Served as the lead engineer during Interface Working Group engineering discussion meetings in collaboration with industry and FMS (Foreign Military sales) customers. Performed contracting Officer Representatives duties as assigned to support contract negotiations, independent government estimates, and technical evaluation reports to assist the procurement contracting officer in determining cost realism on proposals valued at ~ $400M.

EDUCATION

1998	**Master of Science**: Mechanical Engineering
	Clarkson University – Potsdam, NY, United States
	Thesis: Model Order Reduction Methods for Structural Dynamic Systems
1996	**Bachelor of Science**: Aerospace Science Engineering
	Tuskegee University – Tuskegee, AL, United States
	Minor in Physics

ACTIVITIES AND HONORS

Member, Omega Psi Phi Fraternity, Inc.

Member, Almas Shriners International, Shriners hospital for children

Member, Scottish Rite of Freemasonry Valley of Washington, Orient of the District of Columbia

US Army Reservist