

Christopher “Lucky” Marino

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Skills and Certifications

Education

Bachelor of Science in Engineering Physics - Morgan State University (May 2016)
Recipient of the Julius Taylor Award for Academic Achievement in Physics.
Courses taken include Calculus, Differential Equations, Analytical Mechanics, Electricity and Magnetism, Quantum Mechanics, Optics, Thermodynamics, and Experimental Physics.

Analytical

Comprehensive learner adept at assimilating new information and its functional applications.
Highly adaptable and decisive in rapidly changing environments.
Unwavering problem solver when faced with unexpected complications.

Computer

Experience with various programming languages, MS Office, and many other applications.

Forensic

Certificate from the National Institute of Justice's *Toolmark and Firearms Examiner Training* course.

Interpersonal

Many years customer service and ample experience working/training in a team based setting.
At ease in public speaking roles including presentations, briefings, and performances.

Writing

Creative Writing

Natural storyteller with a passion for compelling character-based narrative styles.

Technical Writing

Excels at making complicated technical subjects comprehensible to nontechnical personnel.

Music Proficiency

Instruments

Drum set, orchestral percussion, timpani, guitar, bass guitar, tenor/baritone voice.

Skills

Reading music and charts/tabs, sight-reading, improv/memorization, learning by ear.

Clearance

Department of Defense (DoD) TS/SCI.

Certifications

Military Technology Protection Engineer (June 2022)

U.S. Army Research and Technology Protection Center

Program Protection Credential (February 2022)

Defense Acquisition University

Eagle Scout (November 2003)

Boy Scouts of America

Professional Experience

Freelance Entertainer (2007-present)

- Actor, singer, musician, and performer working on an independent contract basis.
- Separate entertainer resumé available upon request.

Contractor to the Department of Defense in a secure laboratory environment located on a U.S. Army post with the following affiliations and roles:

Milvets – Prototype Integration Engineer (2023-2024)

- Contracted to support Product Manager Command Post Integrated Infrastructure.
- Integrated, tested, and troubleshot various Government Off the Shelf systems in support of developing new mobile command post, network, and communication solutions for the US Army.

Absolute Business Solutions Corp (ABSC) - Technology Protection Engineer (2022-2023)

- Contracted to provide support in a hybrid capacity to the Army Research and Technology Protection Center (ARTPC).
- Researched developing Army acquisitions, performing foreign and commercial comparative analyses and functionally decomposing next generation technology.
- Categories of technology researched include but are not limited to: Tactical Radio Communications, Networking, Electronic Warfare, Battlefield Artillery and Ammunition, Additive Manufacturing, Modular Open System Architectures, Surveillance and Sensor Systems, Artificial Intelligence, and many types of software and software applications including Mission Command and Signal Processing.
- Provided aid for Army Science and Technology laboratories and Programs of Record with the identification of key elements of technology protection as defined by DoD and Army regulations.
- Facilitated assessments for government clients both in person and via secure video connections, giving briefings, providing expert opinions, and guiding assembled Integrated Product Teams through standardized processes set by the U.S. Army.

Leidos - Test Engineer (2021)

- Contracted to support the Enhanced Medium Altitude Reconnaissance and Surveillance System (EMARSS) team.
- Performed quality assurance testing on quarterly updates before release to fielded software systems.

CACI International Inc. - Test Engineer (2017-2021)

Contracted to support the Army Reprogramming Analysis Team (ARAT) in the following capacities:

Roles: Threat Analyst – Subject Matter Expert (SME)

- Applied the principles of systems engineering in order to set, test, verify, and release requirements for software used by airborne Radar Warning Receivers and Target Sensing Systems on various platforms both on a regular schedule and in rapid reprogramming urgent scenarios.
- Analyzed Electronic Order of Battle information of radio frequency (RF) signals in order to program customized Mission Data Sets (MDS) on a region by region basis.
- Responsible for ensuring that MDSs performed as intended before sent into active use by utilizing a lab setup with simulators providing RF direct injected to hardware in the loop, analyzing automated test results and performing manual tests.
- Produced Aviator Products for military pilots to use with fielded systems.

Modeling and Simulation Engineer

- Created, managed, and reviewed RF signal simulations for various hardware and software using RF data from intelligence sources.
- Produced simulations in support of both U.S. assets and for Foreign Military Sales.