

WILLIAM OYLANDO FERGUSON

Biographical Statement

Chief Executive Officer | D2 Team Corp | www.d2teamcorp.org

SUMMARY OF PROFESSIONAL STANDING

William Oylando Ferguson is a recognized practitioner and standards contributor in the field of space-systems cybersecurity. He is a **Senior Member of the Institute of Electrical and Electronics Engineers (IEEE)**, **Technical Editor of the IEEE Space Systems Cybersecurity (S2CY) Working Group**, and **Subgroup Lead of the IEEE Space Systems Integration Layer Subgroup** under S2CY. He has provided more than three (3) years of sustained, unpaid volunteer service to IEEE-supported conferences in the United States and France in support of space-systems cybersecurity work, and is an active non-profit member contributor to the **United States Space Information Sharing and Analysis Center (Space ISAC)**. He is the founding Chief Executive Officer of D2 Team Corp, a Georgia nonprofit corporation recognized as a public charity under Section 501(c)(3) of the Internal Revenue Code, through which he advances research, education, and workforce development at the intersection of space, cybersecurity, artificial intelligence, and extended-reality technologies.

IEEE STANDARDS LEADERSHIP

Senior Member, Institute of Electrical and Electronics Engineers (IEEE)

IEEE Senior Member is a designation reserved for individuals who have made significant contributions to the engineering profession, requiring more than ten years of professional practice and peer endorsement. The designation is conferred by IEEE based on application review.

Technical Editor, IEEE Space Systems Cybersecurity (S2CY) Working Group

Mr. Ferguson serves as Technical Editor of the IEEE Space Systems Cybersecurity Working Group, with responsibility for the editorial integrity of the working group's standards output. The role requires sustained subject-matter authority and the trust of the working group membership. The S2CY working group develops technical standards addressing cybersecurity for space systems, including spacecraft, ground segments, mission operations, and the supply chain supporting space hardware and software.

Subgroup Lead, IEEE Space Systems Integration Layer Subgroup

Mr. Ferguson leads the Space Systems Integration Layer Subgroup under S2CY, coordinating the technical work of a defined subsystem-architecture stream within the larger standards effort. The Integration Layer Subgroup addresses the interfaces and architectural boundaries at which space-system cybersecurity controls are realized across mission, ground, and space segments.

SPACE-SECTOR COMMUNITY SERVICE

United States Space Information Sharing and Analysis Center (Space ISAC)

Mr. Ferguson is an active non-profit member contributor to the United States Space ISAC, the recognized information-sharing and analysis center for the space sector. Through D2 Team Corp, he has developed and delivered pilot courses to analysts of the Space ISAC, built through the Corporation's research-and-development activity and delivered at no cost to the recipient, with travel and related expenses personally covered and without compensation to the Corporation or to Mr. Ferguson.

United States Space Force: Pilot Virtual Courses (Built Through R&D, Delivered at No Cost)

Mr. Ferguson has developed and delivered pilot virtual courses to personnel of the United States Space Force, built through D2 Team Corp's research-and-development activity and delivered at no cost to the recipient, in furtherance of the Corporation's charitable and educational mission and without compensation to the Corporation or to Mr. Ferguson.

IEEE-Supported Conference Engagement (United States and France)

Mr. Ferguson has provided more than three (3) years of sustained, unpaid volunteer service to IEEE-supported conferences in the United States and France in support of the space-systems cybersecurity community. The engagement reflects long-term, mission-aligned contribution to the international convening venues at which the space-cybersecurity practitioner community gathers.

D2 TEAM CORP: FOUNDING LEADERSHIP

Chief Executive Officer; Sole Director (2021 – Present)

Mr. Ferguson is the founding Chief Executive Officer and sole Director of D2 Team Corp, a Georgia nonprofit corporation incorporated on February 23, 2021 and recognized by the Internal Revenue Service as a public charity under Sections 501(c)(3) and 170(b)(1)(A)(vi) of the Internal Revenue Code (EIN 86-2609529; effective date of exemption February 23, 2021). The Corporation's exempt purposes include scientific research, education, and workforce development in cybersecurity, cyber-physical systems, space systems, and related disciplines.

Personal Support of the Corporation

Mr. Ferguson has personally covered the operating expenses of D2 Team Corp since its incorporation, in an amount of approximately four thousand U.S. dollars per year, paid out of personal funds and without any expectation of repayment, reimbursement, or compensation. He has received no compensation, salary, fees, consulting payments, or other remuneration from the Corporation in any year since incorporation. All time and effort contributed to the Corporation has been on an uncompensated, volunteer basis.

AREAS OF PROFESSIONAL FOCUS

Mr. Ferguson's professional work and the research, education, and workforce-development activities of D2 Team Corp are focused on:

- **Space systems**, including spacecraft, payloads, launch and ground systems, satellite communications, and orbital operations;
- **Space cybersecurity**, including threat modeling, detection engineering, incident response, and resilience for space and space-adjacent systems;

- **Cyber-physical systems supporting space missions**, including ground-segment infrastructure, command-and-control systems, and supply-chain integrity for space hardware and software;
- **Artificial intelligence as applied to space systems and space cybersecurity**, including machine learning, federated learning, and trust-conditioned reasoning in adversarial environments; and
- **Extended-reality technologies as applied to space domains**, including training, simulation, mission visualization, and human-systems integration.

PUBLIC-BENEFIT ORIENTATION

Through D2 Team Corp, Mr. Ferguson is committed to research carried on in the public interest within the meaning of Treasury Regulation § 1.501(c)(3)-1(d)(5). Every research project undertaken by the Corporation is required, under its Bylaws, to produce at least one publicly available artifact that democratizes access to space, artificial intelligence, or extended-reality education. Acceptable artifact forms include peer-reviewed or open-access journal articles, freely accessible public courses or training resources, open-source software releases, open datasets and benchmarks, and technical or standards-aligned documentation made publicly available. The Corporation maintains a public-facing record of these artifacts on its website at www.d2teamcorp.org.

CONTACT

D2 Team Corp • www.d2teamcorp.org

EIN: 86-2609529 • SAM.gov UEI: ZGUUGEM5D9S3 • CAGE Code: 174R4