

CAMERON PREASMYER

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SUMMARY

Marine Corps Veteran and Master's Student enrolled at the **University of Virginia** pursuing a **Master of Science** in **Data Science**. Attained a high degree of **technical proficiency** in **Statistics**, **Computer Science** and **Mathematics** through rigorous STEM programs at world-class institutions, volunteer research assistantship, and extracurricular responsibilities. Developed **critical soft skills** through over a decade of diverse professional experience, ensuring effective communication, leadership, and problem-solving across multiple industries.

EDUCATION

University of Virginia Charlottesville, VA
Master of Science in Data Science Aug 2024 - May 2026
Relevant Coursework: Linear Algebra, Linear Models for Data Science, Programming for Data Science, Statistical Learning, Practice and Application of Data Science, Bayesian Machine Learning, Computation for Data Science

University of California, San Diego San Diego, CA
Bachelor of Science Sep 2021 - Sep 2023
Major: Business Economics; **Minor:** Entrepreneurship & Innovation
Relevant Coursework: Multivariable Calculus, Econometrics, Data Analytics, Intermediate Micro & Macroeconomics

ACADEMIC RESEARCH & EXTRACURRICULARS

Instructional Assistant - Data Mining & Statistical Learning Charlottesville, VA
University of Virginia, School of Data Science May 2025 - Present

- Assisted in the instruction of the graduate course DS 6030 at the UVA's School of Data Science by grading assignments, holding weekly office hours and leading open tutoring sessions for 75 enrolled MSDS students.

Machine Learning for Biomarkers in Melanoma and Renal Cancer Charlottesville, VA
Research Assistant - University of Virginia - Publication Pending Jan 2025 - Present

- Assisted in the creation of neural networks to analyze image results of indicator protein samples from healthcare collaborators in Spain to quantify their presence with greater relative accuracy.
- Built and validated machine learning algorithms to discern Melanoma cases from non-Melanoma cases, as well as to predict the potential for metastasis in patients diagnosed with Melanoma based on the magnitude of indicator proteins present.

Data Flow Analysis of Biomechanical Data in Collegiate Sports Charlottesville, VA
Research Assistant - University of Virginia - Publication Pending Sep 2024 - Present

- Investigated the end-to-end flow of performance data derived from the biomechanical equipment worn by athletes at the University of Virginia to identify inconsistencies or inefficiencies in data interpretability.
- Scheduled and led interviews with coaches and representatives of biotechnology data firms to identify target data, end goals, and data collection methods.

MSDS Student Ambassador Charlottesville, VA
University of Virginia, School of Data Science Sep 2024 - Present

- Served as a resource for hundreds of prospective and admitted students of the MSDS Program at the University of Virginia by answering questions and giving perspective in 1-on-1 meetings, live open-house events, and official communications.
- Served as a Peer Tutor for the SDS Linear Algebra and Integral Calculus bootcamp courses for incoming students to meet prerequisites.
- Co-Developed and tested new Python and R screening tests for applicants as a new entry requirement for the MSDS Program.
- Assisted the Marketing and Communications team by featuring in marketing campaigns, submitting blog posts on official communications pages, and attending admissions events at the School of Data Science.

Student Advisory Board - Co-Chairman Charlottesville, VA
University of Virginia, School of Data Science Oct 2024 - Present

- Collaborated with a small team of select MSDS Students to identify potential improvements to the academic framework of the MSDS program and created strategies for improvement alongside faculty leadership.
- Worked with board members to curate an improved overall experience for matriculated students with regard to socialization, networking potential, and exploration of personal and academic interests within UVA's School of Data Science.

TECHNICAL SKILLS

- **Data:** Data Cleaning, Wrangling, Exploratory Data Analysis, Visualization, Database Design & Query
- **Statistics:** Predictive Modeling, Model Selection & Tuning, Cross-Validation Methods, Ensemble Methods, Machine Learning, Deep Learning, Neural Networks, Bayesian Methods & Modeling
- **Programming:** R (Intermediate - Advanced), Python (Intermediate), SQL (Intermediate)
- **Mathematics:** Real Analysis, Single & Multivariable Calculus, Differential Equations, Linear Algebra, Discrete Math

WORK EXPERIENCE

Iconix Critical Solutions, LLC

Manassass, VA

QA/QC Engineer III - Site Lead

Sep 2023 – Aug 2024

- Led coordination meetings between customer representatives, engineers of record, and general contractors to develop and implement agile quality assurance and control methods which maximize the lifespan of electrical equipment in data centers.
- Trained and directed a team of engineers on site policies and procedures, and created an effective schedule of work that enabled our team to finish multiple projects on time and as close to the contracted budget as possible.
- Participated in a company-wide 3x growth initiative by screening and interviewing candidates alongside the program director. Served as a mentor to new members to ensure they had all the tools they needed to grow within the organization.

Siemens Smart Infrastructure

Hayward, CA

Control Systems Specialist

Dec 2018 – Feb 2020

- Ran routine status reports to review system operation and participated in final inspection and testing in regard to customer acceptance and the Contract Data Requirements List (CDRL).
- Assisted with manual and automated data back-up from servers, as well as the troubleshooting of inconsistencies in the functions of operation.

United States Marine Corps

Various Locations, USA

SHF Satellite Communications Operator/Maintainer; E-5 Sergeant

Dec 2013 – Dec 2018

- Planned and executed 10+ Satellite Communications operations spanned worldwide in order to establish and maintain positive communications in support of both ground and air units.
- Orchestrated and conducted training presentations for audiences of 300+ Marines and Sailors.
- Maintained serviceability and accountability for communications and related equipment valued in excess of \$3M with 100 percent accountability.

ADDITIONAL

Soft Skills: Leadership, Punctuality, Communication, Respect, Teamwork, Time Management, Conflict Resolution, Adaptability

Certifications & Training: CITI IRB-SBS Researcher Course, QuantGates Introduction to Quantum Computing