

EMILY SUNDBERG

MANPOWER ANALYST

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Currently working as a Manpower Analyst at the Air Force Manpower Analysis Agency while also pursuing M.S. in Applied Business Analytics at Boston University (expected 2026). Graduated Magna Cum Laude from Clemson University with B.S. In Mathematics and a minor in Chinese Studies. Passionate about data analytics, cryptography, and puzzles with a strong background in resource management, consulting, and quantitative problem solving.

EDUCATION

BOSTON UNIVERSITY | 2025-PRESENT

Master of Science in Applied Business Analytics
Expected graduation 2026

CONTACT

CLEMSON UNIVERSITY | 2019-2023

Bachelor of Science in Mathematics, Minor in Chinese Studies
Magna Cum Laude | 3.93 GPA

EXPERIENCE

MANPOWER ANALYST | 2024 - PRESENT

Air Force Manpower Analysis Agency | San Antonio, TX

- Conducts data analysis to optimize manpower allocation across the Air Force
- Supports strategic decision-making through development mathematical and statistical models
- Collaborates with senior leaders to ensure alignment of resources and mission objectives
- Provides consultation to a variety of Air Force customers regarding manpower resourcing, organizational structure, and mission execution

MANPOWER ANALYST INTERN | 2023

Minot Air Force Base | Minot, ND

- Consulted for base commanders on effective and efficient manpower management
- Participated in the Air Force Premier College Intern Program

RESEARCH EXPERIENCE FOR UNDERGRADS | 2022

Clemson University | Clemson, SC

- Conducted research on Zero-Knowledge cryptographic protocols
- Developed a novel concept for zero-knowledge matrix folding

KEY SKILLS

Technical

- Programming in Python, R, and Java
- Data visualization using PowerBI, R, Python
- Data analytics
- Mathematical modeling
- Microsoft Office applications

Professional

- Public speaking
- Project management
- Creative problem solving
- Consulting

AWARDS

Professional

- AF/AlM Civilian Cat I of the Year (2024)
- Civilian Cat I of the Quarter (Q3 2024)
- Analyst of the month (April, 2024)

Academic

- Magna Cum Laude (Clemson University, 2023)
- John C Harden Junior Award (2022)
- Washington State Honors Award (2019)
- President's Award for Outstanding Academic Excellence (2019)