

Cole B. Hamilton
Army Sergeant Major, Senior Analyst
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Passionate Army Senior Leader, educator, and senior analyst with over a decade of experience in higher education, data analysis, and leadership. Proven ability to design, develop, and adapt mathematical, statistical, and econometric methods for solving complex operational challenges. Skilled in creating models and simulations to drive strategic decision-making. Expertise in Agile Project Management, data analysis, and operations research, with a focus on applying scientific methods to improve performance metrics and streamline processes. Adept at fostering collaboration and translating data insights into actionable solutions.

Skills and Competencies

- Operations Research Methodologies
- Statistical and Quantitative Analysis
- Data Modeling and Simulation Techniques
- Problem Definition and Refinement
- Software Development (R, Python, SQL, M, DAX, Microsoft Office 365, SharePoint)
- Project Management (Agile, Lean Six Sigma, PMI-PMP)
- Data Visualization and Reporting
- Leadership, Team Development, and Cross-Organizational Collaboration
- Effective Communication and Stakeholder Engagement

Military Experience

Operations Sergeant Major – Fort Knox, KY

June 2023 – Present

- Lead data-driven operations management for over 1400 recruiters, focusing on optimizing recruitment processes and improving performance metrics through detailed analysis and strategic problem-solving.
- Conducted in-depth data analysis and forecasting, contributing to key decision-making and operational enhancements aligned with organizational goals.

U.S. Army Sergeants Major Academy Student – El Paso, TX

Aug 2022 – June 2023

- Successfully completed advanced leadership studies as a distinguished graduate of the renowned U.S. Army Sergeants Major Academy, Class 73.

Senior Analyst - San Antonio, TX

July 2020 – Aug 2022

- Developed and maintained complex data models and simulations, providing insights into large-scale operations within the United States Army Recruiting Command.
- Utilized advanced statistical and econometric methods to solve complex problems, enabling senior leadership to make informed decisions.
- Established a Mission Dashboard that provided ongoing performance benchmarks, allowing leaders to evaluate operational effectiveness.
- Conducted comprehensive analyses on data trends, identifying significant variables and presenting alternative solutions to optimize recruitment efforts.

District Recruiting Manager

May 2018 - July 2020

- Led recruitment operations for a geographically dispersed team, using data exploration and analysis to enhance recruitment strategies.
- Innovatively applied statistical techniques to improve operational outcomes, resulting in a 130% increase in enlistments.

Recruiting Manager / Senior NCO – U.S. Army Recruiting Command

Jul 2010 - May 2018

- Managed recruitment efforts as a Recruiting Manager with a proven track record of success.

Engineer Supervisor / Junior NCO – U.S. Army Reserve Command**Mar 2009 - Jul 2010**

- Supervised and led a team of engineers in a fast-paced environment.

Engineer Paratrooper / Junior NCO – 82nd Airborne Division**Oct 2004 - May 2009**

- Served as a junior non-commissioned officer and engineer paratrooper, executing complex missions and supporting fellow service members.

Teaching Experience

Business & Communication Specialty Adjunct Faculty – Cornell University Aug 2023 - Present

- Design and teach Project Management courses focused on Agile methodologies and project organization. Incorporate real-world case studies and simulations to enhance students' understanding of complex project dynamics.

Graduate Adjunct Faculty – Rasmussen University**Jan 2023 - Present**

- Facilitate MBA courses in Value Chain and Operations Management, utilizing statistical analysis and operations research to improve business decision-making processes.

Undergraduate Adjunct Faculty – Southern New Hampshire University**Aug 2022 - Present**

- Deliver dynamic and engaging instruction to undergraduate students on D2L, focusing on business administration, business analytics, organizational leadership, and business management.

Contractor/Consultant Experience

Technical Author & Content SME – FLG**Nov 21 - Sep 24**

- Authored comprehensive technical course materials such as curricula, exams, and quizzes, emphasizing accuracy and meticulous attention to detail.
- Consistently provided effective technical writing to bolster student preparation for industry certifications, ensuring quality and exceeding client expectations.
- Notable projects: CompTIA Security+ (SY0-701), Project+ (PK0-005), CySA+ (CS0-003), DataSys+ (DS0-001), Cloud+ (CV0-003), ITF+ (FC0-U61), DataX, and SecurityX.

Education

- **Doctor of Philosophy in Human Resource Management** | Northcentral University, CA
 - **Master of Arts in Leadership and Management** | Liberty University, VA
 - **Master of Business Administration in Finance** | Post University, CT
 - **Bachelor of Business Administration in Management** | Post University, CT
 - **Associate of Science in Computer Information Systems** | Trident Technical College, SC
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Certifications:

PMI-PMP | SHRM-SCP | PMI-DASSM | Lean Six Sigma Master Black Belt | PL-300 MSFT Power BI Data Analyst | CompTIA Data+ | Project+ | Security+ | A+ | Network+ | CySA+, Intermediate Data Analytics, (USC IDAC) Advanced Business Analytics (USC ABAC)

Selected Technical Projects and Publications:

- **Mission Dashboard Design:** Developed a real-time data visualization tool that tracked recruitment metrics, enhancing decision-making for the United States Army Recruiting Command.
- **Advanced Statistical Models for Operations Research:** Utilized econometric techniques to forecast recruitment trends and optimize operational efficiency.