

# CRISTA J. GREGG

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## SUMMARY

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As a professional with a background in statistics, data analysis, and data design, I excel in transforming complex datasets into actionable insights, addressing pivotal business and research inquiries. Proficient in database extraction, data cleaning, statistical modeling, data visualization, and design thinking, with a focus on ensuring usability, data quality, and accuracy. A collaborative team player with a proven ability to effectively communicate technical findings, empowering data-driven decision-making across functions.

## CERTIFICATIONS

- SAS Certified Specialist: Base Programming Using SAS 9.4

## SKILLS

Tableau, SQL, R, SAS, Microsoft Office (Excel, PowerPoint, Word, and Outlook), VBA, Power BI, Minitab

## EXPERIENCE

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### Data Visualization Designer, 2023-present || Lockheed Martin (*Remote | Contract*)

- Applied design thinking principles to craft data visualization solutions aligned with stakeholders' requirements.
- Designed and optimized interactive dashboards, offering strategic guidance to enhance their overall effectiveness.
- Championed the promotion of data design excellence within the organization, advancing interest and skill development through the establishment of a thriving community of practice.

### Statistical Data Analyst, 2021-2023 || American Board of Pediatrics, Chapel Hill, North Carolina (*Remote | Contract*)

- As the primary data analyst, developed numerous, multipage interactive dashboards to track pediatricians' career progressions. These auto-updating dashboards incorporate complex business rules, large datasets, time-series data, financial transactions, and event-driven data to effectively monitor trends across the enterprise. Information hierarchy and usability were established through department collaboration and enhanced with link-out and drill-down features.
- Conducted comprehensive statistical analyses employing hierarchical models and longitudinal mixed models to discern trends in pediatricians' exam scores over time, considering various demographic groups. Identified potential disparities and assessed factors influencing exam performance across years. Led writing methods and results for publication.
- Co-authored two publications exploring the perceived job availability for graduating fellows and investigating the racial and ethnic composition of pediatricians. Led unique presentation of findings through a manuscript tied to a publicly accessible dashboard to promote data transparency and accessibility.

### Continuous Improvement Engineer, 2018-2020 || REVLON, Oxford, North Carolina

- Created live dashboard using Power BI that highlighted KPIs of each shift on daily, weekly, monthly, and YTD bases.
- Led studies to identify opportunities to reduce waste on production lines, resulting in over \$920,000 annual savings.
- Co-led multiple rapid changeover events to reduce CO time by average of 60% across six manufacturing lines.
- Trained operators, wrote Standard Work Instructions and One Point Lessons, created effective data collection systems from scratch, and analyzed data to determine next steps.

### Production Supervisor, 2017-2018 || REVLON, Oxford, North Carolina

- Managed over 20 employees in bulk processing area and facilitated team culture centered on safety, quality and GMP.

## EDUCATION

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NORTH CAROLINA STATE UNIVERSITY (NCSU), Raleigh, North Carolina

**Master's Degree in Statistics**, August 2021 – GPA: 4.0

**Bachelor's Degree in Chemical Engineering** May 2017 – GPA: 3.5