



Madeline Smith

Clinical Practice Data Analyst

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SUMMARY

Dedicated Clinical Practice Data Analyst with over four years of experience focused on research billing and financial compliance in healthcare environments. Skilled in managing complex datasets and ensuring accurate billing practices, my role prominently features collaboration to enhance operational efficiency. Proficiency in electronic health records (EHR) and clinical trial management systems (CTMS) enables extraction and analysis of data that generates actionable insights. Acknowledged for streamlining billing processes and minimizing claim denials through thorough analyses and strategic recommendations, I look forward to contributing effectively to future projects and organizational success.

STRENGTHS

📊 Analytical Skills

Expertise in translating raw data into actionable insights led teams to make informed decisions, thus fostering growth and improvements.

👥 Collaborative Spirit

Partnered effectively with diverse teams, gaining executive confidence, often being the go-to person for resolving workflow issues.

💡 Problem Solving

Identified gaps in billing practices and proposed innovative solutions, resulting in smoother operational procedures.

✂️ Process Improvement Champion

Led initiatives that revamped billing procedures, which resulted in heightened compliance and fewer errors in submissions.

📄 Reporting Expertise

Used various reporting tools to analyze performance metrics effectively, becoming a resource for strategic data-driven decision-making.

SKILLS

Clinical Trial Management Systems (CTMS)

Electronic Health Records (EHR)

Data Analysis and Reporting

Billing Compliance

Cost Control Measures

Financial Distribution Services

EXPERIENCE

Clinical Practice Data Analyst

Bright Future Health 📅 January 2021 - Present 📍 Chicago, IL

In this role, responsibilities involve analyzing accounts related to clinical trials, focusing on compliance with billing practices and regulations. Collaborating closely with the revenue cycle team facilitates efficient resolution of denied claims and improved reimbursement outcomes.

- Analyzed and managed accounts associated with clinical trials, ensuring compliance with billing practices and regulations.
- Collaborated with the revenue cycle team to investigate and resolve denied claims, improving overall reimbursement efficiency.
- Developed comprehensive reports using EHR and CTMS to track billing accuracy and identify opportunities for process enhancement.
- Served as a central point of contact for research billing inquiries, providing guidance and support to clinical teams.

Billing Specialist

Healthy Innovations 📅 June 2019 - December 2020 📍 Chicago, IL

Managed critical billing procedures and compliance standards across various healthcare operations, ensuring accurate submission of claims to payers.

- Reviewed medical records and identified research-related charges to ensure accurate billing to appropriate payers.
- Utilized reporting tools to support data extraction and analysis, enhancing billing accuracy and efficiency.
- Assisted in the development of process improvement initiatives that streamlined billing workflows and increased compliance.
- Engaged cross-functionally with various departments to harmonize communication and elevate operational effectiveness.

Data Management Intern

Health Systems Innovations 📅 May 2018 - August 2018 📍 Chicago, IL

Supported data collection and management efforts by collaborating with analysts and stakeholders to improve research processes.

- Organized and maintained clinical data sets ensuring high data granularity and reliability.
- Facilitated ongoing audits to verify data integrity and aligned findings with presentable summaries.
- Participated in daily stand-ups, sharing ideas to innovate project methodologies with team members.
- Documented workflow changes and collaborated with peers to refine data management protocols.

LEADERSHIP & AWARDS

- Excellence in Healthcare Analysis Award, 2025

Healthcare Compliance Standards

Regulatory Standards Practices

Impact Analysis Techniques

Revenue Cycle Management

Fraud Detection Methods

Variance Reporting

Stakeholder Engagement

Risk Mitigation Strategies

Payment Processing Systems

Quality Assurance Processes

LANGUAGES

English Native

Spanish Intermediate

MY CAREER



● Clinical Practice Data Analyst at Bright Future Health (5.3 Years)

● Billing Specialist at Healthy Innovations (1.5 Years)

● Data Management Intern at Health Systems Innovations (3 Months)

- Outstanding Contributor Recognition at Bright Future Health, 2023

EDUCATION

B.S. Health Information Management

University of Illinois at Chicago 🎓 GPA: 3.8 📅 2019 📍 Chicago, IL

Coursework: Health Law, Medical Coding, Health Informatics, Database Management

CERTIFICATIONS

- Certified Professional Coder 📅 2023
- Certified Health Data Analyst 📅 2024

TECHNICAL SKILLS

- **Data Analysis Tools:** SPSS, Excel, R
- **EHR Software:** Epic, Cerner, Meditech
- **Billing Software:** AdvancedMD, McKesson, Zirmed
- **Database Management:** SQL, Oracle, MongoDB
- **Communication Platforms:** Microsoft Teams, Slack, Zoom
- **Report Generation Tools:** Tableau, Power BI, Crystal Reports
- **Workflow Automation:** Trello, Asana, Monday.com
- **Project Management Tools:** JIRA, Basecamp, Smartsheet
- **Statistical Applications:** SAS, MATLAB, Python
- **Insurance Verification Tools:** Verity, ClaimMD, Availity

PROFESSIONAL AFFILIATIONS

- Member, American Health Information Management Association
- Volunteer, Local Community Health Fairs

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST