

Shelma Belley

Data Scientist Intern

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☎ (604) 422-3831

📍 St. Louis, MO

EDUCATION

Bachelor of Science in Data Science at Washington University in St. Louis, MO

Aug 2017 - May 2022

Relevant Coursework: Database Systems, Algorithms, Statistics and Probability, Machine Learning, Data Mining, Natural Language Processing.

LINKS

[linkedin.com/in/shelmabelley](https://www.linkedin.com/in/shelmabelley)

SKILLS

Machine Learning

Data Analysis

Programming (Python, R)

Statistical Modeling

Data Visualization

Database Management

Communication

LANGUAGES

English

French

HOBBIES

Machine Learning

Programming

Data Visualization

PROFILE

As a Data Scientist Intern with over 1 year of experience, I have honed my analytical and problem-solving skills to work with large data sets. I have developed strong experience in data mining, visualization, and predictive analysis techniques. My background in statistical software, machine learning algorithms, and programming languages such as R and Python have enabled me to become a valuable asset to any team. I have worked collaboratively with stakeholders to analyze data and develop data-driven solutions. My expertise in data-driven decision making and communication skills have enabled me to present my findings and insights to key stakeholders. I am passionate about leveraging the power of data to identify trends and insights that can be harnessed to create value for the organization.

EMPLOYMENT HISTORY

● Data Scientist Intern at UnitedHealth Group, MO

Oct 2022 - Present

- Developed a deep learning model to automate the diagnosis of medical images with 97% accuracy. Utilizing the model, UnitedHealth Group was able to diagnose medical images with greater accuracy and efficiency, resulting in improved patient care and cost savings of \$50K.
- Developed a predictive algorithm to forecast patient care needs with an accuracy of 85%, reducing patient wait times by 30%. This algorithm has allowed UnitedHealth Group to better anticipate patient needs and provide more timely and efficient care.
- Implemented a machine learning-based system to identify and classify anomalies in medical records. This system identified and flagged over 6,000 anomalies that required further review, leading to a 15% reduction in errors in patient record-keeping.

● Data Science Associate Intern at Cerner Corporation, MO

Jul 2022 - Aug 2022

- Developed an automated system to classify and label patient records, resulting in a 15% reduction in manual labor and an 8% increase in accuracy.
- Created a predictive analytics model to forecast patient volume and resource needs, resulting in a 10% improvement in resource utilization.
- Analyzed patient outcomes data to identify trends and opportunities for improvement, leading to a 5% decrease in readmission rates.

CERTIFICATES

Cloudera Certified Professional: Data Scientist

Apr 2021

Microsoft Certified Azure Data Scientist Associate

Apr 2020

MEMBERSHIPS

Institute of Electrical and Electronics Engineers (IEEE)

International Association for Statistical Computing (IASC)