

Sophia Jiyoung Yun's CV

Sophia Jiyoung Yun

Aspiring Healthcare AI & Data Science Professional, Former Nursing Student, Yoga Instructor in Training

Currently

Taking a career break to pivot from nursing into data science and machine learning

Specialized in

- Python
- SQL
- Ggplot2
- Tableau
- Power BI
- Scikit-Learn

Research Interests

- Healthcare data science
- Clinical decision support systems

- Predictive modeling in medicine
- Machine learning for diagnostics
- Bioinformatics and molecular diagnostics
- EHR (Electronic Health Record) optimization
- AI in hospital operations
- Preventive and personalized healthcare
- Genomic data analysis
- Data-driven healthcare innovation
- Algorithm development for clinical risk assessment
- Real-time medical data analytics
- Translational medicine
- Health informatics
- Automation in clinical workflows

Education

Jan 2023–April 2026 **Brigham Young University Idaho**

Awards

2012 Volunteer President Award, Washington D.C., USA

Publications

N/A

Journals

N/A

Occupation

Aug 2024 – Jan 2025

Career Break: Transition to Data Science & Machine Learning

- Dedicated time to pivot from nursing into data science and ML
- Studied Python, SQL, statistical modeling, and machine learning fundamentals
- Combined clinical background with technical skills to prepare for healthcare data roles

Apr 2024

Student Nurse, Ashton Living Center, Ashton, ID

- Assisted registered nurses in patient care and discharge planning
- Gained experience in medication administration, wound care, and EMR documentation
- Ensured HIPAA compliance and contributed to patient education

Jan 2023 – Nov 2023

English Teacher, CARROT Global (Remote)

- Taught conversational and business English to professionals abroad
- Adapted lessons to student proficiency levels and learning goals

Jun 2021 – Dec 2022

ACT Math Tutor, Private Family Hire, Draper, UT

- Designed custom lesson plans and tracked ACT math performance
- Used assessment tools to guide students toward milestone achievements

Jan 2021 – Apr 2021

Report Manager Intern, Redstone Residential

- Conducted real estate data analysis for investment strategies
- Led DEI projects and streamlined internal documentation
- Coordinated corporate events and employee surveys