

# KYLE BELANGER

Highly accomplished Medical Technologist with an extensive 14-year track record in the medical industry, consistently demonstrating the ability to effectively bridge the divide between medical professionals and information technologists. Proficient in the application of machine learning techniques to enhance medical data analysis and adept at developing innovative R Shiny apps to streamline healthcare processes and improve patient outcomes.



## EDUCATION

2023  
|  
2020

### Doctor of Health Sciences

Campbell University

📍 Buies Creek, NC

- Capstone: Reflex Testing using Machine learning in the Clinical Laboratory

2017  
|  
2020

### M.S. in Healthcare Informatics

University of Central Florida

📍 Orlando, FL

2009  
|  
2005

### B.S. in Clinical Laboratory Science

Western Carolina University

📍 Cullowhee, NC



## PROFESSIONAL EXPERIENCE

2021

### IT Workflow Consultant

Roche Diagnostics

📍 North Carolina

- Collaboratively design highly complex workflows to maximize the RDC solution for customers
- Gather customer requirements in the sales phases and implementation phases with structured handoffs to IT implementation teams
- Created several Shiny Applications to assist teammates in automated workflows
- Provide complex technical recommendations to customers on operational aspects of their Laboratory and IT solutions as it relates to post-live optimization

2021  
|  
2012

### Field Application Specialist

Roche Diagnostics

📍 North Carolina

- Train customers in new technology
- Analyze instrument validation data
- Analyze validation data of new and updated assays
- Support current customers with troubleshooting needs

2012  
|  
2011

### Lead Medical Technologist

Cape Fear Valley Medical Center

📍 Fayetteville, NC

- Managed a small team of technologists
- Performed new assay validations
- Assisted with new Laboratory Information System design

2011  
|  
2009

### Medical Technologist

Cape Fear Valley Medical Center

📍 Fayetteville, NC

- Ensured test-result validity before recording/reporting results, earning a reputation for attention to detail.
- Evaluated quality control within laboratory using standard laboratory test and measurement controls, and maintained compliance with CLIA, OSHA, safety and risk-management guidelines.

## CONTACT INFO



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(910)549-7931

For more information,  
please contact me via  
email.

## SOFTWARE SKILLS

R

Tableau

Altryex

Microsoft Office

SQL

Python