

# 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 technologist
  - 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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For more information, please contact me via email.

## SOFTWARE SKILLS

- R
- Tableau
- Alteryx
- Microsoft Office
- SQL
- Python