

Wesley Riley

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Summary

Hard working, goal-oriented individual, with a strong background in science and considerable technical experience. Demonstrated ability as an effective leader and mentor. Self motivated, with proven ability to multitask and handle a large workload.

Education

Vanderbilt University Coding Bootcamp

Vanderbilt University • Nashville, TN

09/2022

A coding boot camp aimed at training full-stack web developers. The curriculum includes Git, Javascript, CSS, HTML, jQuery, Node.js, MySQL, MongoDB, React.js, and Express.js.

Bachelor's of Science, Double Major in Biology and Chemistry

Middle Tennessee State University • Murfreesboro, Tennessee

Graduated

05/2017

- Overall GPA: 3.918, Biology GPA: 4.0, Chemistry GPA: 3.8
- Graduated from the MTSU Honors College

Master's of Biology

Middle Tennessee State University

Graduated

04/2020

- GPA : 4.0
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Professional Skills

- Multi-Tasker
 - Microsoft Office
 - Strong Communication Skills
 - Customer Service
 - Critical Thinking
 - Hard Working
 - Data Analysis
 - HTML
 - CSS
 - JavaScript
 - Git
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Employment History

Study Start Up Associate

Labcorp • Nashville, TN

09/2021 - Present

- Maintains up to date knowledge, ensure adherence and compliance with local regulatory requirements and associated documentation
- Ensures all start up information & requirements are kept up to date in a central repository for project teams

- Provides continuous and proactive communication with ECs / hospital administration / industry bodies to obtain accurate and up to date information on clinical trial status and activities
- Utilizes CTMS to track documents and submission details

Assistant Team Lead

Aegis Sciences Corporation • Nashville , TN

11/2020 – 02/2022

In addition to the responsibilities of the Molecular Biologist Lead:

- Required to supervise, train, and guide team members through the processes of the lab
- Monitored the processes of the lab to identify potential sources of error and ensure proper flow is maintained throughout the lab
- Actively participated in new method development and improvement as needed
- Trained as an internal auditor and required to assist in audits as needed
- Performed interviews for internal openings regularly

Molecular Biologist Lead

Aegis Sciences Corporation • Nashville , TN

07/2020 – 11/2020

In addition to the responsibilities of a molecular biologist:

- Required to maintain the steady flow of patient samples through the lab.
- Required to troubleshoot instrument errors when necessary.
- Required to train individuals on new processes and implement new workflows within the lab.

Molecular Biologist

Aegis Sciences Corporation • Nashville , TN

07/2020 – 07/2020

- Responsible for RNA extraction of patients samples and qPCR following extraction to identify COVID-19 positive samples.
- Required to maintain a work environment in accordance with cGMP and GCP in a CAP and CLIA regulated production laboratory.
- Required to analyze patient data and post patient sample results.
- Regularly used EVOs, KingFisher Flex, Chemagic 360, Quantstudio 5, Quantstudio 6, and Quantstudio 7 systems as a part of the lab workflow.

Biopharma Technician

Aegis Sciences Corporation • Nashville, TN

05/2020 – 07/2020

- Required to utilize LIMS to accession samples and enter sample information into the data base. Also required to handle and prepare samples for analysis and keep a clean work area in accordance with cGMP and GCP in a BSL2 lab.

Research Assistant

Middle Tennessee State University • Murfreesboro, Tennessee

08/2015 – 04/2020

- Created and modified plasmids using a variety of techniques to observe protein response to fluctuations in mitochondrial membrane potential
- Regularly utilized PCR, Western blotting, Mammalian Cell Culture, and Live Cell Microscopy amongst other techniques
- Utilized both widefield fluorescence and confocal microscopes to achieve research goals
- Routinely engaged in scientific writing and presentations in applying for grants, presenting research findings, writing theses, and assisting with publications
- Required to prepare reagents and other lab consumables on an as needed basis

Graduate Teaching Assistant

Middle Tennessee State University • Murfreesboro, Tennessee

08/2017 – 05/2019

- Required to create presentations, study materials, and tests for both General Biology and General Physiology labs
- Required to mentor and coach students on an as needed basis
- Ensured classroom participation through creative learning techniques

Significant Accomplishments

- **Awards:**

- **2013**-Presidential Scholarship
- **2013**-Hope Scholarship
- **2013**-Merit Scholarship
- **2016**-URECA Gold Grant
- **2018**-William H. Butler Graduate Research Scholarship
- **2018**-Thomas Hemmerly Graduate Student Research Assistant Scholarship
- **2018**- Marion R. Wells Graduate Research Scholarship
- **2019**- Mary C. Dunn Honorarium for Summer Research

- **Achievements:**

- **2009**-Eagle Scout Award
- **2017**-Completed research based thesis to fulfill the requirements for the MTSU Honors college

Publications

- **2019**- Temporal integration of mitochondrial stress signals by the PINK1:Parkin pathway