

Analea Sterling

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Software Engineer in St. Louis, MO

I am a problem solver looking for the best solutions to any issues. I hope to find a position that fosters teamwork and creativity.

PHONE 636-627-9098 | **EMAIL** analeamaesterling@gmail.com

GITHUB [analeamaesterling](https://github.com/analeamaesterling) | **LINKEDIN** <https://www.linkedin.com/in/analea-s/>

PROJECT EXPERIENCE

Tech Jobs— Job Search Application

- Persistent Spring Boot application utilizing Thymeleaf
- Multiple parameter search function for available jobs
- Save user input using MySQL database

WORK EXPERIENCE

Quality Control Microbiologist — Virbac Animal Health, St. Louis, MO

February 2017 - Present

- Specified microorganism, Total Aerobic Count, and Yeast and Mold count analysis
- Clean room environmental monitoring
- Microbiology method suitability testing of raw materials and finished product
- Write and modify standard operating procedures to conform to US Pharmacopeia
- Implemented sample tracking sheet to improve team planning
- Created management system for samples, eliminating sample loss issues
- Routinely ensures sample testing is complete no less than 2 weeks ahead of schedule
- Management of temperature monitoring program for controlled rooms
- Addressed emergent infectious bacteria by identifying and tracking presence in water systems

Undergraduate Research Assistant — University of Missouri - St. Louis, St. Louis, MO

August 2015 - February 2017

- Statistical analysis of migratory connectivity of North American bird species
- Blood sample collection and DNA extraction
- EParasite identification via microscopy and PCR analysis

EDUCATION

LaunchCode, LC101 Programming Course — 2022

University of Missouri-St. Louis, B.S., Biotechnology and Biochemistry, Minor Chemistry - 2016

SKILLS

PROGRAMMING LANGUAGES

- Java
- JavaScript
- HTML5/CSS3

FRAMEWORKS

- Bootstrap
- Angular
- Spring Boot

DATABASES

- MySQL

TOOLS

- IntelliJ
- Github