Analea Sterling

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Skills

JavaScript	Visual Studio Code	Thymeleaf
Java	IntelliJ IDE	Bootstrap
HTML	Angular	MySQL
CSS	TDD with JUnit	Spring Boot

Projects

Tech Jobs application

- Spring Boot application utilizing Thymeleaf
- Multiple parameter search of available jobs
- Save user input to MySQL database

Experience

February 2017 - Present

Virbac Animal Health - Quality Control Microbiologist

Roles and Responsibilities

- 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
- Bacterial identification via gram staining, microscopy, and Vitek systems
- 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

August 2015 - February 2017

Undergraduate Research Assistant - University of Missouri-St. Louis

Roles and Responsibilities

- Statistical analysis of migratory connectivity of North American bird species
- Blood sample collection and DNA extraction

- Parasite identification via microscopy and PCR analysis

Education

University of Missouri-St. Louis

- B.S. Biotechnology and Biochemistry
- Minor Chemistry

LaunchCode - LC-101 Student

- Foundational programming concepts covering both front and back-end development
- Demonstrate ability to create applications, manage user data, and troubleshoot issues.