

Ryan Mueller

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Web Developer in Gardner, KS

I am a constant learner and optimizer who is experienced in leading projects, especially ones focused on solving problems. I enjoy helping others and creating efficiencies that lead to a better company product.

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WORK EXPERIENCE

Automation Engineer (II & III) — Sekisui XenoTech, Kansas City, KS

July 2015 - March 2018

- Created automated programs for Tecan liquid handlers using VB for GUI's, VBScript to create reports, and Tecan's language for building automated scientific experiments.
- Improved training program and provided assistance to equipment users leading to 40% decrease in user-related errors.
- Implemented efficiencies and metrics reporting tools through Sharepoint using workflows, libraries, and database queries.

Scientist (I & II) — Sekisui XenoTech, Kansas City, KS

July 2012 - July 2015

- Designed and ran R&D experiments to optimize cell preparation processes.
- Redesigned experiment forms and paperwork for efficiency and better compliance.
- Implemented new labeling technology allowing sale of previously discarded products leading to increase in revenue and decrease in variable costs.

Production Assistant — Sekisui XenoTech, Kansas City, KS

June 2011 - July 2012

- Perfused liver cells for culturing and cryopreservation.
- Redesigned experiment paperwork for efficiency and improved compliance.

PROJECT EXPERIENCE

Plasma Extraction Assay — Major Automation Upgrade

- Collaborated closely with users and scientific leads to create a new version of a previously unused and outdated project.
- Improvements increased sample throughput and implemented additional scientific controls while decreasing overall runtime.
- Created extensive documentation to improve end-user experience.

EDUCATION

LaunchCode, LC101 Programming Course — 2020

University Of Missouri, BA, Biology — 2011

SKILLS

PROGRAMMING LANGUAGES

- Java
- JavaScript
- HTML5/CSS3

FRAMEWORKS

- SpringBoot
- AngularJS

DATABASES

- MySQL

TOOLS

- Sharepoint
- Excel

Training

Kaizen Process Improvement System

is a Lean-like mindset and series of steps that lead to efficient and productive problem solving. I have participated in and led several Kaizen project teams. These projects were directly attributable to more than \$100,000 in profit gains.