Andrew J. Kamadulski

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# Objective

To find a role that will allow me to use my coding skills along with the analytical and troubleshooting abilities I have learned as a scientist to support my team and help move our projects forward

**Education**

**CODING BOOTCAMP | APR2022 – OCT 2022 | WASHINGTON UNIVERSITY IN ST LOUIS**

* Full-stack JavaScript Development

## PhD | Aug 2013 - dec 2017 (dID NOT COMPLETE) | uNIVERSITY OF mISSOURI – sT lOUIS

* PI Dr. James Bashkin Dec 2013- Oct 2016 (lost funding spring 2016)
* PI Dr. Chris Spilling Oct 2016 – Dec 2017
* Facility technician for UMSL NMR laboratory 2015 - 2017

## M.S. Chemistry | Aug 2011 - MAY 2013 | SoutherN Illinois University Edwardsville

* Mentor Dr. William Neumann – SIUE School of Pharmacy
* Thesis: “Design and Synthesis of Mn(III) Dipyrromethene Metal Complexes as Peroxynitrite Reduction Catalysts”
* Analytical Chemistry Award, Sigma Xi Outstanding Graduate Student, Thomas Bouman Memorial Scholar

## B.S. Microbiology | May 2000 | Northern Arizona University

* 3 year graduate (cum laude)
* Medical Microbiology Pre-health Professions emphasis
* Mentor Dr. William Shand

# Employment History

* **Nov 2021 – Apr 2022 Spectrum Brands - Chemist**

Analytical testing of Formula batch, In-Process, Raw Material, and Finished Product samples

Troubleshooting, Maintenance, and Repair of instruments

* **May 2021 – Oct 2021 Virbac**

LIMS Data Migration

Data Validation

Database Development Testing

UI Testing

* **May 2020 – Feb 2021** **Vi-Jon Quality Control Chemist**

Analytical testing of Formula batch, In-Process, Raw Material, and Finished Product samples Troubleshooting, Maintenance, and Repair of instruments

SAP

Training

* **Nov 2017 – May 2020** **Mallinckrodt Pharmaceuticals** - **Quality Control Technician II**

Chromatography (UPLC, HPLC, GC) and Wet Testing of In-Process and Finished Product Samples

Data Review

OOS investigation

LIMS

ELN

Trackwise

* **Mar 2017 – Nov 2017 Monsanto Corporation (Contracted by Belcan) - Analyst**

Mechanical Integrity and Materials Technology Lab – Chemical Testing of materials to establish the most cost effective

materials to be used in new reactor designs and assisting with mechanical integrity inspections throughout the Creve

Coeur facility.

* **2002 – 2011 TNT FENCE CO**. **- Lead Installer**

managed a crew of 1-3 people installing fencing materials for commercial clients

# Skills & Abilities

**Chemistry**

Analytical Chemistry

Microbiology

Molecular Biology

GCMS, LCMS, HPLC, NMR, FTIR

LIMS, ELN

HTML, CSS, JavaScript

Node.js

Express.js

REACT

MySQL, MongoDB

Python

Test Driven Design

Git

Object Oriented Programming