Adam Reuter
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Objective:
Dependable and detail-oriented Software Developer with a desire to continuously learn and improve. Looking to transfer my problem-solving experience from chemistry to the tech industry.

Education:
- **Eleven Fifty Academy, Software Development Learning Program, Indianapolis, IN, May 2021**
  - 26-week learning program for Software Development taught with industry-guided curriculum, real-world project-based learning, and 500+ hours of logged coding time and training
- **Drury University, Bachelor of Arts in Chemistry, Springfield, MO, 1996**

Competencies & Functional Skills:
Problem solving, troubleshooting, logic, critical thinking, organization, analysis.

Technical Skills:
Languages: C#, ASP.NET, API development, HTTP methods, MVC
CI/CD: Git
Testing Tools: Unit Testing
Databases: SQL Server
Web Technologies: HTML, CSS, Bootstrap, APIs

Technical Projects:
- **BiblioCat https://github.com/adamkr13/BiblioCat**
  - Utilized C#, Razor Pages, HTML 5, CSS 3, and Bootstrap 3 in Visual Studio Community to design and build a web application for entering and tracking information about books and authors.
- **Boats-4-U API https://github.com/adamkr13/Boats-4-U**
  - Utilized C#, Git, and GitHub as part of a team project to build an API to connect boat enthusiasts with boat-owners/operators for rental opportunities.
- **Gold Badge Business Challenges https://github.com/adamkr13/GoldBadgeChallenges**
  - Utilized C# in Visual Studio Community to create three console applications with unit testing coverage to meet the specified business requirements.

Professional Experience:
Chemist III, Drug Product Quality, Kremers Urban Pharmaceuticals, A Lannett Company, Seymour, IN, June 2019 –July 2020
Responsibilities:
- Oversaw release, in-process, and stability testing via USP and in-house methods using techniques and instrumentation that included GC, HPLC, dissolution, particle size, KF, UV/VIS, FTIR, pH, and TLC.
- Entered and reviewed data.
- Evaluated internal customer needs to determine testing priorities.
- Communicated with group members to meet testing timelines.

Chemist III, Technical Transfer Group, Kremers Urban Pharmaceuticals, A Lannett Company, Seymour, IN, April 2017 –June 2019
Responsibilities:
- Assisted in transfer of test methods, stability testing, and testing of raw material excipients and APIs via USP, vendor, and in-house methods.
- Used various techniques and instrumentation, including GC, HPLC, dissolution, particle size, KF, UV/VIS, FTIR, pH, TLC, and various USP wet chemistry tests (heavy metals, lead, arsenic, and <191> identification).

Scientist III, QC Raw Materials Group, Lannett Company, Philadelphia, PA, 2015 –2017
Responsibilities:

- Oversaw testing of raw material excipients and APIs via USP, vendor, and in-house methods.
- Wrote and revised SOPs and test methods.
- Assisted in technical transfer of methods.
- Trained scientists in various USP techniques and in-house methods, primarily including wet chemistry, HPLC, and GC.
- Maintained and calibrated Agilent GCs and headspace samplers.
- Utilized various techniques and instrumentation, including GC, HPLC, KF, UV/VIS, FTIR, pH, TLC, viscosity, and various USP wet chemistry tests, such as heavy metals, lead, arsenic and <191> identification.

Chemist/Scientist III, Analytical Research and Development Group, Lannett Company, Philadelphia, PA, 2013 –2015
Responsibilities:

- Oversaw testing of new APIs, excipients, and finished products in support of product development.
- Participated in GC, GC-MS, and HPLC method development and validation as well as USP and vendor method verification and troubleshooting.
- Oversaw calibration of GCs and other instruments.
- Utilized various techniques and instrumentation, including GC, GC-MS, and HPLC.
- Co-authored company SOP for new Agilent GC-MS.

Chemist II/III, QC Raw Material Group, Lannett Company, Philadelphia, PA, 2004 –2013
Responsibilities:

- Handled testing of raw materials.
- Performed calibration of GCs and other instruments.
- Performed evaluation and troubleshooting of USP and vendor methods for new APIs and excipients.
- Used various techniques and instrumentation, including GC, HPLC, KF, UV/VIS, FTIR, pH, TLC, viscosity, and various USP wet chemistry tests, such as heavy metals, lead, arsenic and <191> identification.

Additional Experience:

- SIEGFRIED (USA), INC., Pennsville, New Jersey, **QC Chemist,** 2001-2004. Oversaw testing and review of results for raw materials, in-process intermediates, finished lot APIs, and research testing. Utilized various techniques and instrumentation, including GC, HPLC, KF, UV/VIS spectroscopy, FTIR, pH, Malvern particle size analyzer, and various USP wet chemistry tests, such as heavy metals.
- OREAD INC., Lawrence, Kansas, **Scientist I,** 1999-2001. Oversaw testing and review of results for client samples, including finished products, raw materials, and stability testing. Utilized various techniques and instrumentation, including dissolution and UV/VIS spectroscopy. Performed calibration of associated instrumentation and assisted in method transfers and validations.
- BAYER ANIMAL HEALTH, Merriam, Kansas, **Laboratory Technician,** 1998-1999. Oversaw testing samples for physical and chemical properties. Performed necessary computer work and calculations to support analyses. Performed other lab-related tasks as needed.
- INDIANA UNIVERSITY BLOOMINGTON, Bloomington, Indiana, **Associate Instructor,** 1996-1998. Managed various responsibilities, including teaching general chemistry laboratory and equilibria and electrochemistry discussion. Taught proper laboratory techniques to chemistry and non-chemistry majors, wrote examinations, and evaluated student performance.

Professional Development:

- Johnson & Johnson Laboratory Analyst Training and Certification Program, 2001
- Graduate Coursework, Analytical Chemistry, Indiana University, 1996-1998

Presentation:

- Reuter, A. K., Nie, S. N., Emory, S. R. Discontinuous Photon Emission in Single Nanoparticles. Presented at Pittsburgh Conference, New Orleans, Louisiana (1998).