**Randall J. Petersheim**

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**Objective:** Explore my passion in a career in software development.

**Software Development**

* Software Engineering Certificate – expected completion: Fall 2018
* Experience in Java, HTML, CSS, Javascript, JQuery, Python, SQL, Microsoft Office
* Bachelors of Science in Chemistry
* Six years of experience as a chemist in a technical service and R&D laboratory setting
* Managed multiple, high priority projects in a fast-paced environment
* Collaborated with salespersons and clients to quickly solve problems

**Education:**

**Montgomery County Community College**

* Software Engineering Certificate (currently enrolled)
* GPA: 3.83
  + Courses completed
    - HTML/CSS
    - Computer Science I
    - Computer Science II: Object Oriented Programming in Java
    - Computer Science III: Data Structures and Algorithms in Java
    - Systems Analysis and Design
    - Computer Architecture and Organization
    - Client-side Web Development with Javasript/JQuery
    - Database Management with SQL

**Millersville University**, Millersville, PA

* Bachelor of Science in Chemistry

**Additional Education**

* Introduction to Statistics, Harrisburg Area Community College, Spring 2014
* Corrosion Short Course, Pennsylvania State University, Summer, 2016

**Current Empoyment:**

**Bulk Chemicals, Inc. – Metal Pretreatment**, Reading, PA

Chemist (July 2014 – present)

* Clean and pretreat customers’ metal samples using lab scale equipment to determine optimal process conditions
* Troubleshoot production problems for customers
* Collaborate with other chemists, sales team and customers to research and develop new pretreatment technologies
* Assist in maintaining neutral salt spray cabinets per ASTM B117
* Analyze paint and pretreatment failures from customers to determine cause of failure
* Instrumental analysis using x-ray fluorescence spectroscopy, SEM, and FTIR
* Physical analysis using neutral salt spray, humidity testing, QUV, and physical testing of paint samples

**Past Employment:**

**AkzoNobel Coatings, Inc. - Powder Coatings**, Flying Hills, PA

Contract Laboratory Technician (February 2011 – September 2012)

Technical Assistant (September 2012 – June 2014)

**Projects**

**Github -** <https://github.com/rustolio33>