JOELLE M. SCHELDORF

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Chemical Engineer with 25+ years of experience in industrial and regulatory training content development and strong organizational, interpersonal, and communication skills.

EXPERIENCE

Content Manager/SME, Vector Solutions Mar 2006 – Current

Camas, WA

- I have created technical training content on a variety of topics, including HVAC/R chiller and DX systems, refrigeration equipment, electrical codes and regulations, paper making processes and equipment, and regulatory compliance (International Building Code, DOT Hazmat, FMCSA, OSHA General Industry, pollution prevention, refrigerant management, etc.). I write scripts and work with clients, learning experience designers (LEDs), and 3D media designers to create e-Learning courses that meet client needs. The content I create applies adult learning principles to help keep learners engaged, motivated, and involved. I help create and prioritize the course development roadmap to ensure that our commercial and industrial courses cover the topics most needed by our clients. I also create Learning Paths for our clients' job roles using available libraries, including Industrial Maintenance, Facilities Management & Maintenance, AEC Complete, Transportation Safety & Compliance, Pulp/ Paper/ Tissue, and HSE.

WinGEMS Project Engineer and Trainer, Pacific Simulation Mar 1994 – May 1997

Moscow, ID

- I worked with clients in the pulp & paper industry to create plant-wide simulations using WinGEMS mass and energy balance software. I conducted in-person training for customers on how to use WinGEMS software to create their own process simulations. I co-authored the WinGEMS Users' Manual and online Help.

Instructor, University of Washington Sept 1992 – June 1994

Seattle, WA

- I taught "Introduction to Pulp and Paper Technology" lecture and lab to first-year students in the Bioresource Science and Engineering program at the University of Washington while attending graduate school at the University of Idaho.

Process Engineer, Fort James Corporation (now Georgia-Pacific) Sept 1990 – July 1992

Camas, WA

- I worked on six tissue and towel machines in a large integrated paper mill. Involved in daily troubleshooting efforts, design of experiments (DOE), customer relations, crew training, wet end chemistry optimization, and new equipment guarantee parameters.

COURSES AUTHORED

Researched and Authored Vector Solutions Online Courses (partial list):

- JCOM-40058 Firestop Safety and Maintenance
- RVCT-1087 Fire Safety for Canada
- JCOM-40049 Electrical – Codes and Regulations, JCOM-40050 Electrical – Components, JCOM-40051 Electrical – Operations
- RVI-11478 Basic Electrical Maintenance
- RVI-11474 Cooling Basics, RVI-11476 Cooling Theory, RVI-11475 Cooling System Maintenance, RVI-11477 Cooling: Hot & Cold Call Basics
- RVI-11516 Refrigeration Basics, RVI-11519 Refrigeration Theory, RVI-11517 Refrigerant Management, RVI-11518 Refrigeration Components, RVI-11562 Refrigerant Safety and Handling
- RVI-11505 Hydronic Systems: Pumps and Pumping Systems
- JCOM-40044 Refrigeration – Chiller Theory, JCOM-40043 Refrigeration – Chiller Components, JCOM-40045 Refrigeration – Chiller Troubleshooting
- JCOM-40046 Refrigeration – DX System Components, JCOM-40047 Refrigeration – DX System General Troubleshooting, JCOM-40048 Refrigeration – DX System Component Troubleshooting
- RVI-11561 HVACR Type I Certification, RVI-11566 HVACR Type II Certification, RVI-11570 HVACR Type III Certification
- RVCT-1137 Asbestos Awareness – 2-Hour Training
- RVCT-805 Laser Safety
- JCOM-40136 Vacuum Drum Washer Troubleshooting, JCOM-40093 Pressure Screen Troubleshooting, JCOM-40094 Centrifugal Cleaner Troubleshooting, JCOM-40135 Paper Machine Liquid-Ring Vacuum Pump Troubleshooting, JCOM-40140 Paper Machine Sheet Threading Troubleshooting

EDUCATION

University of Idaho – Moscow, ID – MS Chemical Engineering, 1995

- Thesis Title: Surface Charge Characterization and Simulation of Ink Removal in Papermaking Fiber Suspensions. "Simulation of Ink Removal at a Newsprint Deink Facility" published in TAPPI Journal, December 1996.

Aalto University – Otaniemi, Finland – Process Control and Production Management in the Pulp and Paper Industry, 1990

- Participated in the Linkage Program, a year-long international graduate-level certificate program. The program concluded with research work at the UPM-Kymmene paper mill in Kuusankoski, Finland from June to September 1990.

University of Washington – Seattle, WA – BS Paper Science and Engineering, 1989

- Magna cum laude, President Student TAPPI Chapter

CERTIFICATIONS

Pragmatic Certified Product Manager, Pragmatic Institute March 2022

- Successfully completed the Pragmatic Institute Product Manager coursework.

OSHA-Authorized Trainer, Pacific NW OSHA Education Center (UW) April 2021-April 2023

- Successfully completed the following courses:
  - OSHA 501 Trainer Course in Occupational Safety & Health Standards, General Industry
  - OSHA 2264 Permit-Required Confined Space Entry
  - OSHA 511 Occupational Safety and Health Standards for General Industry
- I plan to complete three additional courses in 2023 and 2024 to earn the General Industry Safety & Health Specialist Certificate from the Pacific NW OSHA Education Center.

VOLUNTEER EXPERIENCE

Camas-Washougal Community Chest – Board Member, Past President May 2015 - Current

- In 2023, the Community Chest awarded $140K in grants to nonprofits delivering programs and services to children, seniors, and families in need in Camas and Washougal.
- Served as President for 3 years (2018-2021), Grant Committee Chair for 3 years (2017-2020), Social Media Administrator (2015-present), and Webmaster (2021-present).

REFERENCES

Available upon request