

**ENTRY-LEVEL CHEMICAL ENGINEER**

Recent College Graduate (**Bachelor's Degree**) with training and experience in chemical engineering, technical support, and process improvements. Demonstrated track record of achieving goals in team environment. Computer skills: Windows, MS Office, Word, Excel, PowerPoint, ChemDraw, RS3Excel, Hysys, Proll, Visio 2006, and IE. Technical Equipment: Instron tensile tester, torque rheometer, viscometer, and particle size analysis.

**AREAS OF TRAINING & EXPERIENCE**

- |                          |   |                     |
|--------------------------|---|---------------------|
| ✓ Polymer Processing     | ✓ Chemical Engineering Design           | ✓ Chemical Analysis |
| ✓ Continuous Improvement | ✓ Technical Support & Problem-Solving   | ✓ Process Controls  |
| ✓ Engineering Materials  | ✓ Biological Research & Electrodialysis | ✓ Tensile Testing   |

**EDUCATION**

**Bachelor of Science (BS)**, Chemical Engineering (GPA 3.35) – Marquette University, Milwaukee, WI - 2008  
Coursework in Major: Process Control, Chemical Plant Design, Polymer Processing, and Engineering Materials.

**Engineering Class Projects**

- ⇒ **Electrodialysis Membrane:** Increased efficiency of precious metals refinery operation (Diamond Corp.) by introducing ionic separation of components to refinery process. Participated in three-member team.
- ⇒ **Biomedical Research:** Conducted pre-clinical experiments in chemical engineering of human body. Focused on kidney dialysis and intravenous (IV) drug dosage.
- ⇒ **Thermal Cross-linking of Kevlar Fiber:** Performed tensile strength testing on heated Kevlar fiber in two-person team. Played lead role in statistical analysis and PowerPoint presentation of project to class.

**PROFESSIONAL EXPERIENCE**

**Johnson & Johnson, Chemistry Division**, West Windsor, NJ 5/2007 - 9/2007  
**Technical Assistant for Clinical Director**

- **Technical Documentation.** Edited confidential documentation for 60 clinical trial projects in preparation for development of drug-simulation software by outside consulting company. Assured accuracy of technical content, and eliminated and/or disguised proprietary information.
- **Process Improvements.** Contributed to quality assurance of pharmaceutical research database. Increased efficiency of data queries by editing for uniformity. Extracted research data using RS3Excel software.

**Greenwald Polymers, Technical Support**, Milwaukee, WI 5/2006 - 9/2006  
**Chemical Engineering Internship**

- **Research.** Tested and recorded properties of Polyvinyl Chloride (PCV) resin for particle size, heat stability, and viscosity. Supported chemical engineering consulting team of six for specialty chemicals manufacturer.
- **Technical Support.** Provided technical support to three staff chemists in highly participatory approach to testing and development of new PVC resin types.

**ACTIVITIES**

**American Institute of Chemical Engineers (AICE)**, College Chapter – 2004-2008

- ⇒ **Charter Member & Newsletter Editor** for four years.
- ⇒ **Volunteer Coordinator** for Habitat for Humanity, Appleton (WI) Park Clean-up in 2008