

Justin Goodman
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EDUCATION

Northwestern University, Evanston, IL
Robert McCormick School of Engineering and Applied Science
Bachelor of Science in Chemical Engineering, Anticipated June 2009

Relevant Courses Include: Engineering Analysis, Engineering Design and Communications, Organic Chemistry, Thermodynamics, Equilibrium-Based Separations, Fluid Mechanics, Heat and Mass Transfer, Kinetics and Reactor Engineering, Statistical Methods in Chemical Engineering, Chemical Product Design, Process Control, Chemical Processes and the Environment

EXPERIENCE

ABC Corporation, Chicago, IL
Cooperative Engineering Education Student, December 2008 – Present

- Optimize Corrosion inhibition on steel while minimizing raw material costs in an experiment using D.o.E. Fusion ® Software
- Design a new piping configuration for more effective draining of reactors in the production facility.
- Evaluate experimental raw materials for improvement of product performance (e.g., corrosion protection, wetting toxicity, foam inhibition, formability) and product cost
- Solve customer problems related to product use
- Generate data for the sales team for use in making product recommendations
- Analyze finished goods and raw materials for quality control

Northwestern University Library, Evanston, IL
Circulation Aide, September 2006 – December 2007

- Helped patrons locate research materials and other resources
- Signed materials out to patrons
- Catalogued new journals and books in a timely manner
- Processed interlibrary loan requests

Lab Tech Research and Services, Bloomingdale, IL
Student Intern, June 2006 - August 2006

- Developed a company profile database that listed top biotechnology and pharmaceutical companies
- Documented experimental findings for multiple research teams and presented trends to leadership team

SKILLS

Laboratory – Experienced in metal formability testing, automatic titration and other standard laboratory tests

Computer – Proficient with Microsoft Word, Excel, PowerPoint and Access, experienced in MATLAB programming, HYSYS process and statistical software.

Language – Conversant in Spanish