# **ROBERT W. DUNSTON**

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## OBJECTIVE

Seeking chemical engineering position in product development, or process design and implementation where I can contribute my leadership and problem solving skills.

## EDUCATION

**North Carolina State University**, Raleigh, NC

B.S. in Chemical and Biomolecular Engineering, 12/2010

Minor in French

3.65/4.00 GPA

## EXPERIENCE

**Frito Lay,** Charlotte, NC

Intern, 5/2010 – 8/2010

* Applied Six Sigma strategies to reduce nitrogen usage in cooking oil holding tanks and potato chip process which projected total savings of $13,000 annually.
* Wrote proposals to receive capital funding from headquarters for facility improvement projects.
* Negotiated competitive quotes with outside vendors.
* Attended weekly staff meetings and delivered several presentations.

**Weyerhaeuser,** New Bern, NC

Intern, 5/2009 – 8/2009

* Managed three interns on lithium trace trial to determine mixing efficiency in mixing tank.
* Performed cycle time study to increase the process flow on product line which proposed a process optimization by approximately 5.3%.
* Completed weekly chlorine tests and water potential tests.

**NCSU,** Raleigh, NC

Resident Advisor, 8/2008-5/2009

* Facilitated the well-being of 32 international residents of residence hall.
* Planned programs to encourage personal, social, and professional development.
* Counseled residents, enforced policies, and ensured safety of residents

### SKILLS

**Computers:** UNIX, MATLAB, SolidWorks, Dreamweaver CS3, Microsoft Office

**Languages:** Conversational French, 8 years of study

#### STUDY ABROAD

**Sorbonne, Paris, France,** 1/2010 – 5/2010

Took intensive French language courses and lived with a French family. Learned how to

Communicate effectively in a foreign language and how to quickly adapt.

#### HONORS / ACTIVITIES

* Treasurer and Mentor, AICHE
* Member, Omega Chi Epsilon Chemical Engineering Honor Society
* Representative, Resident Advisor Council
* Leadership Development Series