Sample Resume - Graduate Student

Anne Graduate Student

1111 Engineer Street
Austin, TX 78751
512-555-5555
che@mail.utexas.edu

Objective

A full-time position in chemical engineering with an emphasis on environmental concerns

Education

PhD, Chemical Engineering, May 2014
The University of Texas at Austin
Overall GPA: 4.00/4.00

Master of Science in Engineering, Chemical Engineering, May 2011
The University of Texas at Austin
Overall GPA: 3.50/4.00

Bachelor of Science, Chemical Engineering, May 2007
Texas A&M University
Overall GPA: 4.00/4.00

Related Courses

Elements of Modern Control Theory, Robust Process Control, Optimal Control Theory, Nonlinear Control Systems, Nonlinear Programming, Advanced Numerical Methods, Multivariate Statistical Analysis, Statistical Estimation Theory, Artificial Intelligence Programming for Engineers, Advanced Computational Fluid Transport

Dissertation

[Title of Dissertation]

[Brief Description of Dissertation Research]

Experience

06/07 - 08/09

Engineering Associate, Fowler Chemical Corporation
Performed evaluation of two competing scatterometers for use in measuring the dimensions of transistor gate profiles.
Developed and modified models to improve their ability to predict profiles of patterned photoresist and etched polysilicon.

06/06 - 08/06

Engineering Intern, Mitchell Chemical Company
Performed statistical analysis of systematic variation present in lithography critical dimension data provided by potential customers.
Wrote computer program that allows user to perform similar analysis, utilizing user interface.

Academic Experience

Graduate Research Assistant, The University of Texas at Austin
Developed a novel method for generating thermoplastic composite materials.
Established a set of relations between ratio of dynamic module and relaxation of time distributions.

Teaching Assistant, The University of Texas at Austin
Served as teaching assistant and grader for Chemical Engineering Process Control course.
Supervised undergraduate and post graduate students.
Researched on synthesis and characterization of high performance polymers.

Graduate Student Resume Continued

Skills

Experience with first-principles modeling of dopant behavior in silicon
Extensive knowledge of ultrashallow junction engineering
Operating Systems: Macintosh, Windows, MS-DOS, UNIX
Software: Microsoft Office, NIH Image, Photoshop, SAS, Maple, Matlab, Lotus Notes
Strong communication skills- oral, written, and presentation
Excellent team skills

Accomplishments

Recipient, The University of Texas Continuing Doctoral Fellowship, 2011-2012
Recipient, The University of Texas College of Engineering Thrust Fellowship, 2011-2012
Recipient, National Science Foundation Graduate Research Fellowship, 2009-2010
Member, Phi Beta Kappa, 2006-2007
Member, Tau Beta Pi, 2005-2006
Volunteer, Humane Society, 2006-Present
Participant, Women in Engineering, 2004-2007

Publications:

Student, J.G., Kirichenk, T.A., Edgar, T.F., (2011). Origin of Vacancy and Interstitial and Stabilization at the Amorphous-Crystalline Silicon Interface. Journal of Applied Physics, 96(4), 443-449.
Student, J.G., Siddiqui, M.H., (2011). Interaction between Interstitials and Arsenic-Vacancy Complexes in Crystalline Silicon. Journal of Applied Physics, 85(21), 502-504.
Student, J.G., Siddiqui, M.G., Briceeto, D.M., (2010). Structure, Stability, Diffusion of Arsenic-Silicon Interstitial Pairs. Journal of Applied Physics, 44(18), 23-34.
Student, J.G., Siddiqui, M.H., (2010). Issues in Physical Structure and Dynamics of the Diarsenic Complex in Crystalline Silicon. Paper presented at Chemical Conference, Houston, Texas, August 14, 2010.