

Home:

School:

Objective: To obtain fulltime employment in the aerospace engineering field that will enhance my academic foundation, affirm my career goals, and allow me to be a value add to the team.

Academic Record: **Iowa State University, Ames IA**
B.S. Aerospace Engineering and a B.A. in Music
Expected graduation: May 2007 G.P.A. 3.1/4

Relevant Skills: **Programming Language:** FORTRAN, Python, Visual BASIC
Software: Mechanics, Microsoft Office, Patran, Solidworks, Unigraphics, VISIO.

Concepts/Courses: Aerodynamics, Astrodynamics, Calculus, Differential Equations, Dynamics, Flight Control Systems, Flight Structures, Flight Vehicle Performance, Gas Dynamics, Mechanics of Materials, Numerical Methods, Statics, Thermodynamics

Work Experience:

5/2006 – current The Boeing Company, St. Louis, MO
Test Requirements and Analysis Intern supporting the F/A-18 E and G Programs
Aided in management of the Quickview 6.0 community by issuing keys to use the program and responding to user complaints. Submitted job requests to the Flight Test Client Server (FTCSS). Analyzed data from the FTCSS to make sure that there were no major outliers in data and that all maneuvers were captured in their entirety before sending them out for further review.

5/2005 – 8/2005 The Boeing Company, St. Louis, MO.
Strength Engineering Intern on the Fighter/Attack – 18 Super Hornet Wing Team. Learned to use four different modeling programs to create analysis of cracks on the wing test article. Final analysis from the fatigue group proved that my initial analysis was within 2% of the actual results. Created a priority list for all of the cracks on the wing test article based on lab results. Collaborated with team lead to create a fuel pressure simulation on the inner wing using Patran.

5/2004 – 8/2004 The Boeing Company, St. Louis, MO.
Operations Analysis Intern on the Canard Rotor/Wing Team.
Learned Visual BASIC to create two tools; parts of which are still being used in comparative analysis studies. Also collaborated with another team member on a warfare simulator to compare similar Unmanned Aerial Vehicles.

12/2003 – 5/2005 LEAD Program, Iowa State University, Ames, IA.
Student Assistant
Assisted in programmatic planning and execution for the Leadership through Engineering Academic Diversity (LEAD) Program, and served as a peer mentor. Also worked as a tutor in the LEAD study room for many of the basic engineering subjects.

Honors/Activities: Carver Academy Scholar
Cargill Scholar
INROADS St. Louis Affiliate, Member
National Dean's List
National Society of Black Engineers (NSBE),
-Region V Chairperson 2006-2007 -Most Outstanding President Award 2004
-Region V Programs Chair 2005-2006
-Iowa State Chapter Chairperson 2004-2005
Sigma Alpha Iota, Member 2003-2005