

Amber Deja

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Professional Website: <http://amberdeja.wordpress.com>

EDUCATION

Bachelor of Science in Aerospace Engineering, May 2015

The University of Alabama, Tuscaloosa, AL

Minor: Mechanical Engineering

GPA: 3.85/4.0

EXPERIENCE

Engineer Intern, Summer 2014, Summer 2013

Carbon Division

Safran/Messier-Bugatti USA, Walton, KY

- Managed development of Industrial Validation Documents for aircraft carbon brake discs
- Performed oxidation tests on carbon brake disc samples
- Composed/edited SOP's for machining equipment in the carbon brake disc factory
- Analyzed test data to improve production quality of aircraft carbon brake discs
- Executed a safety review and analysis to validate changing the chemical used in the New Carbon Process

Engineer Intern, Summer 2012

Wheels and Brakes Division

Safran/Messier-Bugatti USA, Walton, KY

- Performed quality control activities on aircraft wheel/brake components for Boeing Company
- Classified aircraft components per the Harmonized Tariff Schedule of the United States
- Created AutoCAD drawing books and input data into QSI (document management system)

COMPUTER SKILLS

Microsoft Office (Word, Excel, PowerPoint)

AutoCAD – Basic Skills

C++ Programming – Basic Skills

Solidworks – Basic Skills

MATLAB – Basic Skills

ACTIVITIES / HONORS

Vice President, Hovercraft Team, The University of Alabama

Treasurer, Sigma Gamma Tau Aerospace Engineering Honor Society, The University of Alabama

Treasurer, Tau Beta Pi Engineering Honor Society, The University of Alabama

Scrapbook Committee Chair/Distinguished Member, Society of Women Engineers

Member, Alpha Lambda Delta Honor Society, The University of Alabama

Member, Phi Eta Sigma Honor Society, The University of Alabama

Recipient, Presidential and College of Engineering Scholarships, The University of Alabama