

Will Johnson

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Education

University of California, Los Angeles

Expected Graduation: June 2015

- Bachelor of Science, Mechanical Engineering

GPA: 3.73

Experience

ATK Space Systems, Intern

June 2014 through September 2014

- Performed extensive finite element analysis on reflector molds and reflector mold carts to determine a root cause for failure
- Presented failure analysis report to engineering team and management
- Authored two standard practice documents, one final report, and three manufacturing work instructions
- Prepared test procedure and completed testing for coefficient of friction research and development

Lockheed Martin Corporation, Intern

June 2013 through September 2013

- Designed and published office website: www.lm-scenergy.com
- Toured customer facilities to identify energy inefficiencies
- Calculated energy savings based on installed energy efficiency measures

Relevant Skills

| <i>Design</i> | <i>Manufacturing</i> | <i>Systems/Analysis</i> | <i>Microsoft Office</i> | <i>Programming</i> |
|---------------|----------------------|-------------------------|-------------------------|--------------------|
| Solidworks | SolidCAM | MATLAB | Excel | C++ |
| NX | MasterCAM | LabVIEW | Word | HTML |
| Inventor | GD&T | Femap | Powerpoint | CSS |
| AutoCAD | | NX Nastran | Outlook | Adobe Dreamweaver |

Activities

UCLA ASCE Steel Bridge FEA Team

September 2014 through present

UCLA Ultimate Frisbee Team

September 2011 through present

UCLA Chamber Choir

September 2012 through June 2014

Interests

Manufacturing Design Analysis Problem Solving Teaching Learning Music Sports

Awards and Recognition

Dean's Honor List

July 2012, April 2013, and January 2014

Air Force Math and Science Student of the Year

June 2011