

# JEFFREY C. BOULWARE

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<b>OBJECTIVE</b>	Employment opportunity in the field of aeronautics or astronautics
<b>EDUCATION</b>	HS Diploma, <i>John Carroll Catholic High School</i> , May 1999 <span style="float: right;">Birmingham, AL</span> BSAA, <i>University of Washington – Seattle (UW)</i> , June 2004 <span style="float: right;">Seattle, WA</span> MSAA, <i>University of Washington – Seattle (UW)</i> , June 2006 (expected) <span style="float: right;">Seattle, WA</span>
<b>SKILLS</b>	High proficiency with MS Office, MATLAB V6.5, C++, Visual Basic V6.3, Mathematica V5, ANSYS V7.0, Solid Edge V12, SolidWorks, Lightwave V8, Automation Studio, GFSSP, and CFD++. Extensive experience with technical writing.
<b>AWARDS</b>	<ul style="list-style-type: none"><li>• The National Dean's List – 2003-2004</li><li>• University of Washington Dean's List – Winter 2002, Winter 2004, Spring 2004, Fall 2004</li><li>• Nomination for Occupational and Educational Program of the Year Awards – 2001</li><li>• UW representative at the Northwest Regional Resident Assistant Conference – October 2000</li></ul>
<b>EXPERIENCE</b>	<p><i>Andrews Space Company</i> <span style="float: right;">Seattle, WA</span> Intern (November 2004 to present)<ul style="list-style-type: none"><li>• Managed the Andrews Space Rapid Prototyping Laboratory</li><li>• Performed systems and design engineering duties for the Andrews link to Project Constellation</li><li>• Gained aspect to the political portion of multi-million dollar contract engineering</li></ul></p> <p><i>Association of Space Explorers – XIX Planetary Congress</i> <span style="float: right;">Salt Lake City, UT</span> Volunteer (October 2005)<ul style="list-style-type: none"><li>• Interacted with over 60 astronauts and cosmonauts from 11 countries</li><li>• Engaged in event coordination and public relations activities with and for the astro/cosmonauts</li><li>• Gained priceless motivation and inspiration through personal conversations</li></ul></p> <p><i>UW Dept of Aeronautics &amp; Astronautics</i> <span style="float: right;">Seattle, WA</span> Teaching Assistant (October 2004 to December 2004)<ul style="list-style-type: none"><li>• Assisted in teaching a course on Advanced Composites to employees of Boeing – Everett</li><li>• Interacted with Boeing personnel through teaching sessions and email</li><li>• Graded homework and tests throughout the quarter</li></ul></p> <p><i>UW Aeronautical Laboratory – Kirsten Wind Tunnel</i> <span style="float: right;">Seattle, WA</span> Crew (January 2003 to June 2004)<ul style="list-style-type: none"><li>• Operated and maintained an industry level wind tunnel with crew of 15 undergraduates</li><li>• Interacted professionally with industry customers</li><li>• Reduced, analyzed, and reported wind tunnel data</li></ul></p> <p><i>Universities Space Research Association – Visiting Researchers Exchange &amp; Outreach</i> <span style="float: right;">Huntsville, AL</span> Intern (June 2004 to September 2004)<ul style="list-style-type: none"><li>• Worked at NASA's Marshall Space Flight Center within the Engineering Directorate</li><li>• Projects included: ADAPTS manual write-up, ECLSS design, water hammer experiment setup</li><li>• Enhanced real-world experience of mechanical and electrical engineering applications</li></ul></p> <p><i>NASA Reduced Gravity Student Flight Opportunities Program</i> <span style="float: right;">Houston, TX</span> Flyer (December 2003 to April 2004)<ul style="list-style-type: none"><li>• Successfully proposed an experiment aboard NASA's KC-135A "Vomit Comet"</li><li>• Designed fluid mechanics experiment to study Rayleigh-Taylor flow in microgravity</li><li>• Experienced the mechanical, optical, numerical, and design aspects of research</li></ul></p> <p><i>Toyota Motor Company – Aviation Business Development Office</i> <span style="float: right;">Torrance, CA</span> Intern (July 2003 to September 2003)<ul style="list-style-type: none"><li>• Worked mainly with VBA to develop a composite materials database useful to Toyota</li><li>• Used the database to significantly reduce the time required for research</li><li>• Assisted with flight testing using knowledge gained at the Kirsten Wind Tunnel</li></ul></p>