

# William Harvard Weiskopf, IV

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<b>Education</b>	<b>Colorado School of Mines</b> Golden, Colorado    B.S. Dec. 2013 Engineering with a Mechanical specialty major    3.16 GPA Minors in Computer Science and Economics, to specialize in robotics Robotics Club, Rocket Club and Blaster Hackers member
<b>Skills</b>	<ul style="list-style-type: none"><li>▪ FE Exam passed</li><li>▪ Certified SolidWorks CAD Associate</li><li>▪ Machine shop experience</li><li>▪ C++ proficiency, learning Python and Java</li><li>▪ Arduino</li><li>▪ Feedback control systems</li><li>▪ Linux, command line, and general system administration experience</li><li>▪ Web developer with command of HTML5, CSS, PHP and learning JavaScript</li><li>▪ LabVIEW programming experience</li><li>▪ Git version control system experience</li><li>▪ WordPress setup, design, and administration experience</li><li>▪ Gimp, Audacity, and Adobe Premiere</li><li>▪ Microsoft Office: PowerPoint, Excel, Word, Access, Project, Publisher, etc.</li><li>▪ International Baccalaureate Diploma recipient</li><li>▪ French language familiarity</li></ul>
<b>Class Projects</b>	<b>Lunabotics:</b> Senior Design project, international NASA robotics mining competition, competed amongst 50 teams at the Kennedy Space Center in Florida <b>Robotics Class:</b> Chosen final project involved constructing a Killough drive <b>Field Session:</b> LabVIEW programming, machine shop, and SolidWorks design <b>First Robotics Competition 2010 Team 2859 Mentor:</b> Mentored team of high school students in engineering principles, helped to design/build a robot for competition. <b>DemoSat-B 2009 CSM EPICS Team Project:</b> Researched and designed a device to record the black and white sky albedo at a ceiling of 60,000 feet for Lockheed Martin.
<b>Employment Experience</b>	<b>Air Sciences, Inc.</b> Golden, Colorado    Winter 2011 - Present Network Administration Intern: Purchasing, setup and maintenance of the company's servers, computers, and network. Provide technical support. Spearhead projects to change how the company conducts their internal network. <b>CSM Alumni Association</b> Golden, Colorado    Fall 2010 - Present Web Developer: Website design, eNewsletter publication, and graphics, audio, video editing Data Specialist: Maintenance and updating of the alumni database <b>Vitamin Cottage</b> Lakewood, Colorado    Fall 2010 - Winter 2011 Cashier and Customer Service <b>Birk Industries, LLC</b> Arvada, Colorado    2008-2009 Market analysis for a new product used in home remodeling (CanCap) Web site design, creation, and implementation: <a href="http://birkindustries.com">birkindustries.com</a> & <a href="http://birkindustrieshome.com">birkindustrieshome.com</a>
<b>Volunteer Experience</b>	Volunteer for FLL 2012 & 2009 Qualifiers and 2010 FRC Colorado Regional. Adult leader for the Denver Dive 6 <sup>th</sup> and 7 <sup>th</sup> grade service trip in Denver. Denver Rescue Mission, DenUM (Denver Urban Ministries), Brooklyn, Greater Chicago Food Bank, the Wyoming Wind River Reservation, Guatemala with Pura Vida, Hogar del Niño (Lemoa, Guatemala).