

William Harvard Weiskopf, IV

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Education	Colorado School of Mines Golden, Colorado Engineering with a Mechanical specialty major Minors in Computer Science and Economics, to specialize in robotics Robotics Club, Rocket Club and Blaster Hackers member	B.S. Dec. 2013 3.169 GPA
Skills	Engineering <ul style="list-style-type: none">▪ FE Exam passed▪ Certified SolidWorks CAD Associate▪ Machine shop experience▪ FEA with SolidWorks Simulation▪ Feedback Controls▪ Machine Design▪ Fluid Mechanics▪ Thermodynamics and Heat Transfer▪ Mechanics of Materials Random <ul style="list-style-type: none">▪ Patenting and intellectual property▪ International Baccalaureate Diploma recipient▪ French language basics	Programming and Computers <ul style="list-style-type: none">▪ Arduino▪ Python▪ Java▪ C++▪ MATLAB▪ LabVIEW programming▪ PHP, HTML5, CSS, JavaScript▪ Django development▪ WordPress design and administration▪ Git version control▪ Test driven development▪ Linux, command line, and general system administration experience▪ Gimp, Audacity, and Adobe Premiere▪ Preferred Editors: Vim and Sublime▪ Github: http://github.com/DArtagan
Class Projects	Lunabotics: Senior Design project, international NASA robotics mining competition, competed amongst 50 teams at the Kennedy Space Center in Florida. Robotics Class: Chosen final project involved constructing a Killough drive. First Robotics Competition 2010 Team 2859 Mentor: Mentored team of high school students in engineering principles, helped to design/build a robot for competition. DemoSat-B 2009 CSM EPICS Team Project: Researched and designed a device to record the black and white sky albedo at a ceiling of 60,000 feet for Lockheed Martin.	
Employment Experience	Air Sciences, Inc. Golden, Colorado 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 network organization and security. Interviewed and trained three new interns.	Winter 2011 - Present
	CSM Research Assistant Golden, Colorado Assisted Dr. Christopher Dreyer with research in the CSM Engineering Laser Laboratory.	Fall 2013
	CSM Alumni Association Golden, Colorado Web Developer: Website design, web app, eNewsletter, graphics, audio, and video editing. Data Specialist: Maintenance and updating of the alumni database.	Fall 2010 - Present
	Web Development Consulting Private website design, development and deployment. See my site for the full portfolio.	2009 - Present
	Vitamin Cottage Lakewood, Colorado Cashier and Customer Service	Fall 2010 - Winter 2011
Volunteer Experience	Volunteer for FLL 2012 & 2009 Qualifiers and 2010 FRC Colorado Regional. Adult leader for the Denver Dive 6 th and 7 th 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).	