William Harvard Weiskopf, IV

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| Education | **Colorado School of Mines (CSM)** – Golden, Colorado Dec. 2013  B.S. Engineering, Mechanical emphasis 3.2 GPA  Computer Science and Economics minors | |
| Employment Experience | **Network Administrator** November 2011 – March 2014  Air Sciences, Inc. – Golden, Colorado  Purchased, set up and maintained servers, computers, and networks. Provided technical support. Spearheaded projects to change network organization and security. Interviewed and trained three new administrators.  **Research Assistant** Fall 2013  CSM Engineering Laser Laboratory – Golden, Colorado  Researched effect of humidity on laser efficiency with Dr. Christopher Dreyer.  **Software Developer**  CSM Alumni Association – Golden, Colorado August 2010 – April 2014  Web Development: Website design, web app, eNewsletter, graphics, audio, and video.  Data Specialist: Maintain and update alumni database.  **Independent Consultant** 2009 – Present  Developed applications for multiple clients:  Network setup and administration and computer setup.  Website design, development and deployment. | |
| Class Projects | **Senior Design Project**: International NASA robotic mining competition, Kennedy Space Center, Florida.  **Final Project, Robotics Class**: Constructed Killough drive, alternative locomotion platform. Embedded controller programmed with C++ derivative.  **Team Mentor, FIRST Robotics Competition**: Mentored high school students in engineering principles, helped design and build robot for competition.  **Team Project, CSM EPICS**: Researched and designed device to test satellite solar panel viability for Lockheed Martin. | |
| Skills | **Programming and Computers**   * Languages: Python, Java, Arduino, C++, MATLAB, LabVIEW * Linux, command line, and general system administration experience * Test-driven development, agile * Web Development: Django, Wordpress, PHP, HTML, CSS, Javascript * Github.com/DArtagan | **Engineering**   * Feedback Controls * Machine Design * FEA with SolidWorks Simulation * Fluid Mechanics * Thermodynamics and Heat Transfer * Mechanics of Materials * Machine shop experience |
| Other | **Certifications:** Fundamentals of Engineering exam, Solidworks Associate  **Language:** French  **CSM Clubs:** Robotics, Rocket, Blaster Hackers  **Volunteer:**  FIRST Lego and robotics competitions referee for elementary and high school students.  Adult leader for 6th & 7th grade Denver mission trip.  Guatemala service work with Pura Vida. | |