

# William Harvard Weiskopf, IV

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## Education

**Colorado School of Mines**      Golden, Colorado      B.S. Dec. 2013  
Engineering with a Mechanical specialty major      3.175 GPA  
Minor in Computer Science, to specialize in robotics  
Robotics Club member

## Skills

- Certified SolidWorks CAD Associate
- LabVIEW programming experience
- Machine shop experience
- Intermediate C++
- Web developer with command of XHTML, CSS, PHP and some JavaScript and Python
- WordPress setup, design, and administration experience
- Git version control system experience
- Microsoft Office: PowerPoint, Excel, Word, Access, Project, Publisher, etc.
- Linux, command line, and general computer administration experience
- International Baccalaureate Diploma recipient
- French language proficiency

## Class Projects

**Lunabotics:** Senior Design project, international NASA robotics competition  
**Robotics Class:** Chosen final project involved constructing a Killough drive  
**Field Session:** LabVIEW programming, machine shop, and SolidWorks design  
**First Robotics Competition 2010 Mentor to Team 2859:** Mentored a team of high school students in engineering design principles and helped them to design and build a robot for competition.  
**DemoSat-B 2009 CSM EPICS Team Project:** Researched and designed a satellite 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      Winter 2011 - Present  
Network Administration Intern: Purchasing, setup and maintenance of the company's servers, computers, and network. Provide technical support. Spearheaded projects to change how the company conducts their internal network.

**CSM Alumni Association**      Golden, Colorado      Fall 2010 - Present  
Web Developer: Website redesign work and eNewsletter publication  
Data Specialist: Maintenance and updating of the alumni database

**Vitamin Cottage**      Lakewood, Colorado      Fall 2010 - Winter 2011  
Cashier and Customer Service

**Birk Industries, LLC**      Arvada, Colorado      2008-2009  
Market analysis for a new product used in home remodeling (CanCap)  
Web site design, creation, and implementation: [birkindustries.com](http://birkindustries.com) & [birkindustrieshome.com](http://birkindustrieshome.com)

## Volunteer Experience

Volunteer for 2010 FRC Colorado Regional and FLL 2009 Qualifier.  
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).