

# William Harvard Weiskopf, IV

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## Education

**Colorado School of Mines** Golden, Colorado

B.S. Dec. 2013  
3.175 GPA

Engineering with a Mechanical specialty major  
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
- 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 intermediate 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 to 80,000 feet for Lockheed Martin. Developed strong technical writing.

## 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: maintaining and updating 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

Service Projects

- Adult leader for the Denver Dive 6<sup>th</sup> and 7<sup>th</sup> grade service trip in Denver.
- One week service trips to: New York, the Wyoming Wind River Reservation, Chicago, Las Vegas, and Guatemala.
- Denver Rescue Mission, DenUM (Denver Urban Ministries), Greater Chicago Food Bank, Guatemala with Pura Vida, Hogar del Niño (Lemoa, Guatemala).