

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 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 & birkindustrieshome.com

Volunteer Experience

Volunteer for 2010 FRC Colorado Regional and FLL 2009 Qualifier.
Adult leader for the Denver Dive 6th and 7th 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).