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- Macromedia Studio MX 2004 / Studio 8 (Dreamweaver, Flash, Fireworks)
  - Adobe CS3 (Dreamweaver, Flash, Fireworks, Ultra)
  - Microsoft Office 2003
  - Microsoft Office 2007
  - ZenWorks Desktop Imaging
  - Knowledgeable of SUSE LINUX

#### Hardware:

- Computer Repair (Motherboards, CPU, hard drives, optical drives, NICs)
- Network installation and maintenance
- A/V equipment (TV, speakers, projectors, SMART boards, DVD players)
- Server Installation (Rack mounts, Uninterruptible Power Supplies, Switches)

#### Certifications

- Web Design Essentials (2007)
- Web Design Advanced Concepts (2008)
- Internet Business Foundations (2006)
- Site Development Foundations (2007)
- Network Technology Foundations (2007)
- Tech Support certification (2007)

#### Leadership

- Prospective Eagle Scout
- Former Patrol Leader, Troop Scribe, and Historian
- Team Captain for Division 1 VSA soccer team
- Web Team Captain for Battlefield Robotics Team
- Former Webmaster for Future Business Leaders of America
- Lead member of COPE in the New River Adventure Program
- Group Leader for People to People Sports Ambassadors Program (2007)

#### Awards

- Outstanding Achievement Award, Web Technologies I & II
- Battlefield High School Academic Honor Roll – 6 semesters
- People to People Sports Ambassador Award
- FIRST Robotics (2008)
  - Engineering Inspiration Award
  - 17<sup>th</sup> Place at World Championships
- Varsity Indoor Track Award (2006)
- JV Soccer Award (2006)
- Future Business Leaders of America (2008)
  - Germana Fall Regional- Technology Concepts (1<sup>st</sup> Place)
  - State Competition- Technology Concepts (3<sup>rd</sup> Place)

#### Memberships

- Boy Scouts of America (since 1996)
- National Honor Society (since 2007)
- Spanish Honor Society (since 2007)
- National Science Honor Society
- FIRST Robotics (since 2007)
- Future Business Leader of America (since 2006)

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- People to People Alumni (since 2007)
  - VSA Division-1 Soccer (since 2004)

#### Community Service

- Technology mentoring at Alvey and Mountain View Elementary Schools
- Assistance with 6 Eagle Projects
- Personal Eagle Project
- Assisted with Pumpkin Pandemonium for last two years
- Assisted in a sanitation clean-up crew of Bull Run River
- Assisted with FBLA Summer Fun Run
- Assisted with BHS Spring Carnival
- Assisted with U-9 girls travel soccer team
- NHS Peer Tutoring

#### F.I.R.S.T Robotics Team Experience

Being on a robotics team has provided me with essential skills in technical areas, project management, team leadership, and public speaking.

**Technical Experience:** Participating on a F.I.R.S.T. robotics team has taught me skills in Web Design, mechanical and electrical engineering. Though I concentrate more on the software side of the team, I have had the opportunity to learn a little bit about the other components of the team as well.

**Project Management:** Being a team captain has taught me how to lead a team, manage resources, and create a project plan to keep our projects on schedule.

**Team Leadership:** Everyone on a team makes it what it is, but it is the leaders who guide the team to success. Through being the team captain for the Web site development team, I have learned valuable skills in team collaboration, planning, and knowing how to distribute roles among team members.

**Public Speaking:** Marketing a robotics team is just as important as the activities the team takes part in. Being able to effectively communicate a team's accomplishments in a way that is both professional and proud is a challenging task for many robotics teams. As a judge speaker, presenter for the Chairman's Award, and opening speaker at corporate demonstrations, I have had the opportunity to speak to professionals from numerous fields and corporations. The ability for a technical person to effectively communicate their understanding to others in a business is one of the most important skills that I have learned through F.I.R.S.T. Robotics.