

Science & Engineering (STEM)

Activity	Involvement Grade (Hours per week.)	Position	Description
FIRST Robotics	9-12 (Off season: 3 6 weeks: non- stop)	Sub-team Captain Team Captain Lego League Coach	My most time intensive activity short of school and sleep. In season, from January to April I work with a team of people to make a robot to compete in a competition. My role on the team for the past 3 years has been to build the electronics system. In addition to this I am in the leadership group and will be this year's team captain. I am also a coach of a local Lego Robotics team.
Olympus Controls Internship	10-11 (2 months: 40)	Intern	I was offered the opportunity in my sophomore summer to be an intern at a Portland area automation company where I worked with another member from my robotics team making cables and programming demos for control systems 40 hours a week. I returned to that internship the following summer.
ISEF	10, 12 (3 months: 4)	Participant	For the Intel International Science and Engineering Fair, I built a rudimentary wind-tunnel to test wing shape's effect on lift and drag, and I competed at the local Portland competition. This year's project is statistics based and will involve building a model for price prediction.
Science Bowl	10-12 (4.5 months: 1)	Team Member	Since sophomore year, I have been in the science club at my school that competes at a jeopardy-like competition called Science Bowl, held at Portland State University.
Summer Machining Course	12 (3 weeks of 2008 summer: 35)	Student	A teacher at Portland Community College procured a grant to have about 20 high school students learn how machine in a 3 week long course. I fabricated a hammer from steel and aluminum bar stock, as well as began work on a casing for a home-made rail gun.

Your Name, High School and Graduation Year

Community Involvement

Activity	Involvement Grade (Hours per week.)	Position	Description
Mission Trips	9, 12 (9 th grade: 7 days 12 th grade: 3 days)	Volunteer	To date I have gone on two mission trips. The first was to Kentucky where I participated in the Appalachia Service Project and assisted in improving homes. The more recent mission trip was to The Mission in Carmen Serdan, Mexico. There I helped handicapped orphans directly, as well as improving the facility and its workings.
Free Geek	11-12 (8 weeks: 4-10)	Volunteer	A local technological charity organization in Portland that recycles, refurbishes and donates/sells computers and tech paraphernalia. I've helped in the basic recycling, as well as the build process.
National Honor Society	11-12 (During School: 1-2)	Member	A well known organization that gets "achieving" students out into the community on volunteer work. As a result of trying to be a part of this society, I became involved in volunteering at Free Geek, as well as tutoring at my school's homework club.
Hosting an Exchange Student	10 (2 weeks: 168)	Host	For two weeks in February (in fact during the robotics build season,) I hosted a French boy by the name of Aumary Graux.
Homework Club	12 (1hr.)	Math Tutor	After school on Tuesdays, I help students in the school's Homework Club by answering math related questions and helping them work through and understand problems.

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Outdoor Activities

Activity	Involvement Grade (Hours per week.)	Position	Description
Kayaking	10-12 (Every-other week in summer: 5)	Fun-seeker	Perhaps one of my more atypical “geek” hobbies, but incredibly fun none-the-less. I attended a class in the fall of 2006, and promptly got the appropriate gear for a novice kayaker and started to kayak. Insofar I am able to attempt class 3 rapids and I have a “bomb-proof” barrel-roll on my right side, as well as preventing the drowning of my father. I am also part of the Oregon Kayaking and Canoeing Club.
Rock Climbing	9-11 (1-3)	Fun-seeker	My first “extreme sport,” I actually grew interested in about 6 th grade, and when I moved out to Oregon I was happy to learn of several nearby rock-climbing gyms. And I continued to climb until I strained my arm, and have yet to resume climbing.

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