

Christine Marie Sowa

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Education

Massachusetts Institute of Technology

Candidate for Bachelor of Science in Management (Operations Research Concentration) and Mathematics
GPA: 4.5/5.0

Cambridge, MA

June 2014

Penncrest High School

Class Valedictorian; Weighted GPA: 4.28/4.0

Media, PA

June 2010

Work Experience

Booz Allen Hamilton, Inc.

Intern, Advanced Analytics Center of Excellence

Created feasibility report for 4 freight rail lines in Afghanistan by programming, researching, and analyzing GIS data; completed benchmarking assessment of multiple train maintenance facilities to recommend best practices for Chicago's Union Station

Washington, DC

June – Aug 2012

Washington Metropolitan Area Transit Authority (WMATA)

Intern, Project Management Support

Assisted with bus transit projects, visiting 5 bus facilities; prepared estimates for construction work

Washington, DC

Jan – Feb 2012

National Railroad Passenger Corporation (Amtrak)

Engineering Intern

- Assisted 8 department personnel in day-to-day activities
- Obtained information from contractors to create permits to enter upon property
- Updated database of engineering projects

Philadelphia, PA

May – Aug 2011

Leadership Experience

Secretary General, MIT Undergraduate Association (Student Government)

Prepare minutes for biweekly student government meetings; edit and distribute monthly newsletter; handle public relations; archive and organize all UA information

March 2012 – May 2013

Resident Associate Advisor

Advised 6 freshmen residents and co-led weekly seminar entitled "Good to Great for Women" with 12 attendees each week (sophomore year); advise 5 freshmen residents (junior year)

Sept 2011 – May 2013

Teaching Assistant, "Freshmen/Alumni Summer Internship Program"

Mentored 8 freshmen in course focused on developing career skills; organized graduate school admissions workshop with ~50 attendees.

Sept 2011 – Sept 2012

Activities

Volunteer at 8th Annual UIC High Speed Rail Congress in Philadelphia (2012); Undergraduate Association Student Committee on Education (2011-2012); Tech Catholic Community (2010-2011); Masters Swimming (2010-2011); MIT Transportation Club, Executive Board (2011-2012); Alpha Chi Omega (2010 – 2012); Orientation Leader for incoming freshmen (2011-2012)

Honors/Awards

Oral Communication Award (2010); Air Force Award (highest GPA in science/math, 2010); National Merit Commended Scholar (2009); AP Scholar with Honor (2009); Harvard College Book Award (2009); Kavanaugh Scholarship Recipient (for studies in Arles, France; summer 2008)

Skills

Computer: Microsoft Office, basic HTML, basic Java, PhotoShop, GIS

Language: Proficient in French

Other: Red Cross Certified Lifeguard, SCUBA Certified