

# Alexander Benn

*College Address:* Swarthmore College, 500 College Avenue, Swarthmore, PA 19081  
*Permanent Address:* 6613 Dakota Trail, Edina, MN 55439 • (610) 308-1770 • abenn1@gmail.com

---

## Education

### **Swarthmore College, Swarthmore, PA**

Bachelor of Arts in Computer Science and Bachelor of Science in Engineering, June 2008.  
Overall: **3.79 GPA**, Majors: **3.83 GPA**.  
Associate Member, Sigma Xi, Swarthmore College chapter.

### **Edina High School, Edina, MN**

Graduated June 2004 National Merit Finalist.  
GPA: 3.91 GPA unweighted, 4.17 GPA weighted; ranked 23 / 527.

## Leadership Experience

### **Artistic Director of Chaverim, Swarthmore College, Swarthmore, PA**

(September 2007–Present)

Co-leader of a three-college a cappella singing group with an average of 5-7 performances per semester. Duties include planning and leading auditions and rehearsals, and organizing performances both on-campus and in the surrounding community.

### **Camp Counselor, Camp Manito-wish, Boulder Junction, WI**

(June–July 2006)

Planned and led three trips into the backwoods of Wisconsin and Michigan.  
Supervised and coordinated activities for 10 campers at a time over two 2-week sessions.

## Work Experience

### **Tutor, Swarthmore College, Swarthmore, PA**

(September 2007–Present)

One-on-one tutoring with an engineering student for 3 to 4 hours a week.

### **CS Department Clinician, Swarthmore College, Swarthmore, PA**

(January 2005–Present)

Offer help with programming assignments and the use of the computer lab machines.

### **Psychology Department Engineering Assistant, Swarthmore College, Swarthmore, PA**

(January 2007–Present)

Design, build, program and test two experimental apparatus with a professor.

### **Laboratory Assistant, Swarthmore College, Swarthmore, PA**

(January–May 2007)

Assist professor in preparing engineering labs for students and answering questions.

## Research Experience

### **REU Student, University of Minnesota ECE Dept., Minneapolis, MN**

(June–August 2007)

Research in metamaterials and high-field magnetic resonance imaging.

## Skills & Interests

Programming: C/C++, Java, Python, MATLAB, VHDL, Verilog, HTML/CSS, PHP, Excel.  
Experience with MultiSim, HFSS, Altera MAX CPLDs and PIC microcontrollers.  
Tennis, bass guitar, a cappella, chorus, acting.