

Kathleen Bendall

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Objective: To obtain a full-time consulting position in the field of environmental engineering

Education: **Michigan Technological University (MTU) Houghton, MI**
Environmental Engineering B.S. expected May 2006
Cumulative GPA: 3.79, Departmental GPA: 3.85

Graduate/Undergraduate Engineering Initiative for Development and Enhancement Program MTU Houghton, MI

National Science Foundation (12/02-5/04)

- Mentoring and scholarship program to aid in the success of engineering students in underrepresented groups during their first two years of college

Engineering Experience: **Aqua Terra Tech Enterprise MTU Houghton, MI**
Multidisciplinary undergraduate research/consulting group focused on water resources, distribution, quality, and education (8/03-present)

- Technical Experience
 - Developed regional groundwater model for a watershed using Groundwater Modeling System (GMS)
 - Collected water level data using water level meter
 - Collected GPS data using GPS Trimble Unit
- Communication Experience
 - Assisted in advertisement and organization for various recruitment and public relations events
 - Gave formal Aqua Terra Tech presentations
 - Assisted in writing fieldwork guide
 - Updated informational brochure
 - Developed professional development brochure
- Leadership Experience
 - President (2005), Computer Modeling team leader (2004)
 - Organized and ran weekly meetings
 - Advised prospective and current members
 - Oversaw management of enterprise operations
 - Managed Nicaragua and Pre-college Enterprise project leaders

Work Experience: **Barr Engineering Company Ann Arbor, MI**
Summer Intern (5/05-8/05)

- Natural Resource and Environmental Protection Act Part 201 Sites
- Phase I Environmental Site Assessments
- Conducted wetland delineation
- Assisted preparation of proposal
- Assisted industrial wastewater treatment plant validation study
- Edited cost analysis spreadsheet
- Attended small business conference to seek out potential subcontractors through networking
- Wrote and compiled reports
- Communicated with clients and contractors
- Researched Part 201, Part 213, and Wetland Regulations

Shiawassee County Road Commission Corunna, MI

Summer Temporary Employee (5/03-8/03)

- Patched roads, directed traffic, and maintained highway shoulders
- Mapped daily work area and documented tasks accomplished

Kmart Corunna, MI

Cashier (6/00-1/03)

- Operated register and organized merchandise
- Maintained department's appearance and completed general maintenance

Garden Shop Associate (5/03-8/03)

- Stocked merchandise, operated register, assisted customers
- Arranged displays, assembled display merchandise

Management Experience:

Muck Run Race Director MTU Houghton, MI

Fundraising trail race for MTU Cross Country teams (Fall 2004, Fall 2005)

- Managed up to 60 team members working in 9 different committees
- Oversaw the organization, registration, timing, results, awards, and sponsorship for trail race with more than 200 participants
- Created comprehensive manual for future race directors

Research Experience:

Summer Undergraduate Research Fellowship MTU Houghton, MI

Undergraduate Researcher (5/04-9/04)

- Conducted individual research project on the particle size distribution of sidestream cigarette smoke

Computer Skills:

Operating Systems: Windows (98, 2000, XP), UNIX

Software: I-DEAS, Mathcad, Matlab, Mathematica, Visiotech, GMS 5.0 and Microsoft Office spreadsheets, word processors, and presentation software

Accomplishments:

Dean's List (Fall 2002, Fall 2003, Spring 2004, Fall 2004, Spring 2005)

MTU Cross Country and Track team member (Fall 2002-present)

Chi Epsilon Honor Society, Secretary (Spring 2005-present)

Society of Environmental Engineering (Spring 2005-present)

Alpha Society (Spring 2003-Spring 2004)

Great Lakes Intercollegiate Athletic Conference All-Academic Team, Women's Cross Country (2004)

Great Lakes Intercollegiate Athletic Conference All-Academic Team, Women's Track and Field (2004)