

Chris J. Bowman

Current Address:

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Permanent Address:

2876 Evergreen Way
Ellicott City, MD 21042
(410) 531-3545

Objective: To obtain employment which will best utilize and enhance my leadership, engineering, business, and interpersonal skills in a manner to best promote company profit.

Education: **Villanova University, Villanova, PA** May 2002
Bachelor of Science in Mechanical Engineering
Proficient In: AutoCAD, C++, MathCAD Professional,
Matlab, Maple, Grapher, Labview

McDonogh School, Owings Mills, MD May 1998
Honor Student

Leadership/Work Experience : Baltimore Aircoil Company – Engineering Internship (2001)
- Revised, updated and converted to MathCAD all specs. per ASME Code for High-k[®] Heat Exchanger which lowered cost of production; Provided revised point loading data for Low Profile & Standard Series V Fluid Coolers; Analyzed International Marketing data for comparative analysis and selection options
North Raleigh Supervisor – Clearwater Management (2001)
Manager - Clearwater Management (1999,2000)
Manager - F.J. Bowman Construction (1999,2000)
Manager - Manchester Swim and Racquet Club (1999)
Tom & Terry’s Restaurant – Wait Staff/Valet (1998)
Baltimore Aircoil Company – Sheet Metal Division (1997)
Glenelg Country School Lifeguard and Swim Instructor (1997)
West Howard Swim Club Lifeguard and Swim Instructor (1995,1996)
West Howard Swim Team Assistant Coach (1996)
Howard County Youth Program Baseball Umpire (1994-1996)
Independent Contractor - Landscaping/Yard Maintenance (1991-1997)

Athletics/Honors: Villanova University Division I Lacrosse Team (1998-2002)
Captain, Commitment of 30+ hours a week
Rookie of the Year, Nationally Ranked, 4 Year Starter
McDonogh School Varsity Lacrosse Team (1995-1998)
Captain, The Captain P. Cole Memorial Trophy for leadership, Coaches Award
McDonogh School Varsity Swim Team (1994-1998)
2-year Captain, “Eagle Award” for commitment, All-American Recognition
McDonogh School Varsity Water Polo Team (1994-1997)
2-year Captain, “Eagle Award” for commitment, All-American
McDonogh School “Golden Eagle Award” (1994-1998)
12 seasons of varsity lettered sports

Interests: Sportfishing, Boating, Athletics

William Christopher Lewis

william.lewis@villanova.edu

250 Spring Mill Rd. V.U. Box 5004 Villanova, PA 19085-1699 (610) 581-1730

Objective :

Obtain a position as a mechanical engineer that utilizes strong desire, excellent leadership abilities, and my MME with an emphasis in thermo fluids and manufacturing.

Education :

Villanova University, Villanova, PA

- Bachelor of Mechanical Engineering; May 2001
- Master of Mechanical Engineering; Dec 2002

Internships :

PENN FUEL GAS, Inc. Oxford, PA; May 1999 – Jan 2000

- Gained experience in natural gas transmission and distribution.
- Assisted in the design of meter sets
- Performed drafting
- Aided in a transmission main repair project
- Gained an understanding of meter sets, regulators, and cathodic protection.

PECO an Exelon Company Limerick, PA; May 2001– Aug. 2001

- Assisted LGS's generation group
- Obtaining experience in nuclear power generation.
- Gained insight into nuclear power generation, primary and auxiliary components, safety precautions and various management points.
- Assisted in the heat exchanger assessment program.
- Trained by The DEI Group to install and update the ICAS software package.

Leadership Skills :

TEAM LEADER: Freshmen Design Project –self-erasing dry-erase board

TEAM LEADER: ME Analysis & Design Project – motor dissection

CO-CAPTAIN: Villanova University football team

COUNCIL MEMBER: team of seven, selected to be the voice of the team and team leader

UNIT MANAGER Villanova Dining Services – Supervised employees and maintained a working area

Senior Design :

Cooling System for Football Helmet

Aims to control the flow of heat from the human head to the outer shell of a regulation football helmet in order to increase player comfort. Final design is possibly patent able. Major courses utilized: Heat Transfer, Stress Analysis, Finite Elements, Manufacturing and Design & Analysis

Computer Programs :

Matlab, ICAS, Microsoft Office, MathCAD, ALGOR, OPTIX, AutoCAD, SynerGee, AS-400, ExTrend, CNC, HMAPS

Professional Organizations :

American Society of Mechanical Engineers (ASME) – student member

National Society of Black Engineers (NSBE) – student member

Villanova Univ. of Minority Engineers and Scientists (VUMES) – student member

Activities :

Varsity Football Team – NCAA Division I (scholarship student-athlete)

Peer Volunteer Tutor – via organizations

Community Action Through Sports (CATS) – executive board member

Positive Pen Pal – pen pal to a Philadelphia Public school student

Student Athlete Advisory Committee (SAAC)