

Kathleen V. Jones

Campus Address: 20 North Park St. Apt. A • Hanover, NH 03755 • 603-320-3395

Home Address: 73 Irene Dr. • Hollis, NH 03049

kathleen.jones@dartmouth.edu

Education

Thayer School of Engineering at Dartmouth College, Hanover, NH

June 2006

Bachelor of Engineering with an emphasis in Mechanical Engineering

GPA: 3.12/4.0

Varsity Crew Fall 2003 - Spring 2004

Relevant Coursework: Systems, Thermodynamics, Solid Mechanics, Digital Electronics, Materials Science, Machine Engineering, Fluid Dynamics, Advanced Product Design, Computer-Aided Mechanical Engineering Design

Colby College, Waterville, ME

May 2005

Bachelor of Arts in Mathematical Sciences

Honors: *Cum Laude* with Distinction in Major. GPA: 3.43/4.0, 3.51/4.0 within major.

Varsity Crew: 2002 - Spring 2003, Fall 2004 - Spring 2005, NCAA Competitor 2005, Academic All-American

Relevant Coursework: Physics, Structured Programming and Elementary Algorithms, Data Structures and Algorithms

Work Experience

BAE Systems, Merrimack/Hudson, NH, *Technical Intern*

Summers 2003-2005, Winters 2004-2005

- Designed and executed environmental test procedures for an advanced new antenna that represents a pivotal component in the Royal Navy's on-board surveillance strategy.
- Participated in the program's off-site field study in Fallon, Nevada where we tested an unattended networked ground sensor system under real-world conditions.
- Key member of a team executing a long-term field study testing geolocation algorithms. The information collected during study was instrumental in having the proposal funded and accepted.
- Received US government security clearance at Secret level.

Colby College, Waterville, ME, *Teaching Assistant for Linear Algebra*

February-May 2005

- Corrected assignments weekly for course of 21 students.

Bottomline Technologies, Portsmouth, NH, *Marketing Research Assistant*

Summer 2002

- Performed market research using many on-line resources and Hoover's. The results help direct marketing programs and provided important leads for the enterprise sales team.
- Part of the product team responsible for the planning and execution of annual world wide sales training conference.

Project Experience

Dartmouth Formula Racing, Dartmouth College, NH

Fall 2005-Present

- Currently working with team of peers to develop vehicle dynamics, including development of an anti-roll bar package, for a formula racecar to compete in the Society of Automotive Engineers Formula Racing Competition in May 2006.

Remote-Controlled Trash Removal, Dartmouth College, NH

Fall 2005

- Worked with small group of peers to design and modify remote controlled car to achieve goal of navigating difficult course, as well as, picking up and sorting various trash.

Bicyclan: The Campus Cruiser, Dartmouth College, NH

Fall 2003

- Developed prototype and performed market analysis for rustproof campus bicycle.
- Guided diverse and talented team of peers through unknown industry segment, efficiently achieving assigned goals.

Additional Information: Portfolio of project and product design work available online at <http://kathleenjonesv.tripod.com/>.

Additional Work Experience

Christopher's Subs and Pizza, Hollis, NH, *Shift Manager*

July 1999-August 2003

- Promoted to Shift Manager in 2000, and supervised five other employees in store operations.

Skills and Interests

- Languages: Proficient in Spanish
- Computer: Proficient in Microsoft Word, Excel, PowerPoint, and Pro-Engineer. Some knowledge of Java, Matlab, Femlab and MathCad.
- Interests: Rowing, Skiing, Travel, Computers, and Singing