

# Brian Joseph Staskowski

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## EDUCATION

**Carnegie Mellon University, Carnegie Institute of Technology, Pittsburgh, PA**  
Doctoral Candidate, Mechanical Engineering  
Masters of Science in Mechanical Engineering, May 2005

**Cornell University, College of Engineering, Ithaca, NY**  
Bachelor of Science in Mechanical Engineering, May 2000  
Concentration: Mechanical Systems

## ACADEMIC PROJECTS

**Baseball Bat Deformation Analysis, Carnegie Mellon University** Fall 2004

- Created Finite Element models to study static deformation of solid wood and corked bats.
- Compared orthogonal properties of wood and found optimal loading conditions.

**Pulse Tube Cryocooler Research Team, Cornell University** Spring 1997  
Professor P.C.T. DeBoer, Cornell University

- Investigated the viability of the pulse tube cryocooler as an efficient means of refrigeration for space or industrial applications.
- Involved with design, construction, and testing aspects of the project.

## EXPERIENCE

**Kraft Kennedy & Lesser, Inc., New York, NY** 9/00-7/04  
Senior Consultant (2004). Consultant (2001). Associate Consultant (2000).

- Designed and installed native Windows 2000/2003 LAN's as well as heterogeneous environments involving Novell, Lotus and EMC infrastructure.
- Conducted technology-based need analyses of clients with respect to information systems, staffing and business interests.
- Composed business continuity and technology migration plans for firms seeking to add new technology or increase disaster recovery capabilities.
- Performed security audits and developed procedures and best practices for firewall, email, and internet security implementations.
- Led various project teams and acted as primary client interaction coordinator.

**Bayside Robotics, Port Washington, NY** 3/99-8/99, 6/97-8/97  
Associate Engineer, Research and Development (1999). Intern Engineer (1997).

- Designed and built automated testing apparatus for temperature, backlash, and vibration frequency analysis.
- Active participant on multiple new product design verification teams as data collection and analysis specialist.
- Orchestrated Pro-Engineer/Pro-Intralink database conversion and software training for engineering department staff.

**Engineering Computer and Developmental Instructional Facility, Ithaca, NY** 9/97-5/00  
Network Supervisor, CADIF, Cornell University

- Planned and implemented CADIF's 100-workstation LAN consisting of a mixed environment of Windows NT, Novell Netware, and Unix systems.
- Developed security parameters for NT servers and clients and tracked security violations.
- Coordinated and supervised repair and troubleshooting teams while providing basic computer skills training for all consultants.

## COMPUTER SKILLS

Windows and Unix operating environments  
Software: Pro-Engineer, ANSYS, SolidWorks, Microsoft Office, SQL, Exchange, MAILsweeper, Tumbleweed MMS, iManage, Cisco IOS  
Programming Experience in C, NT Batch, Labview, Matlab, Pascal, Pearl, and PLC  
Certifications: Windows 2000/2003 MCSE, MCSA, iManage Certified Engineer, CCNA