

Jeffrey Steven Schlosser

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OBJECTIVE

Mechanical Engineering student seeking design or research internship for summer 2007. Looking for experience in the automotive or aerospace industry before attending graduate school in fall 2007.

EDUCATION

- Georgia Institute of Technology**, Atlanta, GA Fall 2004-Present
- Working towards B.S. in Mechanical Engineering
 - Graduating spring 2007 (will complete all requirements in 3 years)
 - Overall GPA: 4.0

EXPERIENCE

- Systems Realization Lab**, Georgia Institute of Technology Fall 2005-Present
- Undergraduate research assistant
 - Received President's Undergraduate Research Award
 - Research involves simulation, uncertainty analysis, information economics, design, and modeling using Matlab programming
 - Work independently with minimal supervision
 - Responsible for constructing an electric vehicle model and formulating a methodology for making information gathering decisions to reduce uncertainty and maximize payoff in design problems
 - Publishing paper for the 2007 Society of Automotive Engineers World Congress entitled *Managing Multiple Sources of Epistemic Uncertainty in Engineering Decision Making*

ADDITIONAL EXPERIENCE

- Flow Motors**, Winston-Salem, NC Summer 2005
- Worked in service department of Audi dealership. Responsibilities included washing, fueling, and moving vehicles, as well as chauffeuring customers
- Green River Preserve**, Cedar Mountain, NC Summer 2002
- Participated in CIT program designed to develop leadership skills in future counselors. Responsibilities included supervising campers, leading activities, and working with peers to improve camp life and facilities

SKILLS

- Programming: C++, Java, Matlab, and Maple
- CAD: AutoCAD, Solid Works
- Microsoft Office: Word, Excel, PowerPoint
- Engineering expertise: internal combustion engines, simulation-based design, fluid mechanics, heat transfer, system dynamics and controls, machine design

AWARDS AND MEMBERSHIPS

- Scholarships: George Woodruff, Dakin B. Ferris, Carl F. Phillips, Richard/Elizabeth Stirni, Air Products Outstanding Freshman Engineer, and ASME John & Elsa Gracik Scholarship
- Pi Tau Sigma Engineering Honor Society
- Tau Beta Pi Mechanical Engineering Honor Society
- National Society of Collegiate Scholars
- American Society of Mechanical Engineers