

MICHAEL SCHOEN

OBJECTIVE

Scalability research and prototype development of the valveless pulse jet engine for micro propulsion applications.

EDUCATION

2003–Present NC State University Raleigh, NC
■ **M.S., Aerospace Engineering.**

1999–2003 NC State University Raleigh, NC
■ **B.S., Aerospace Engineering.**
■ Graduated Magna Cum Laude

EXPERIENCE

Summer 2003 NASA/Langley Hampton, VA
NASA Langley Research Summer Scholar (LaRSS)
■ Turbulence modeling in SCRAMjet combustion research.
■ Learned coding algorithms for NASA's VULCAN flow solver.
■ Developed proficiency in GridGen comp. grid developing software.

Summer 2002 NASA/Langley Hampton, VA
NASA Langley Research Summer Scholar (LaRSS)
■ Engineered and directed the stiffness testing of a full-scale Fokker 28 fuselage section.
■ Test results later used in implementation of full-scale drop test.
■ Developed proficiencies in Patran, Nastran, and Dytran FEM systems.

2001-2002 Educational Enrichment Raleigh, NC
Personal Tutor
■ Tutored students enrolled in elementary school through college.
■ Specialized in all levels of mathematics.

ACADEMIC HONORS

NC State University Scholar.
National Collegiate Scholar.
Member of Phi Beta Kappa honor's fraternity.
Dean's list five semesters.
Dean's Fellowship recipient.

LEADERSHIP AND ACHIEVEMENTS

Founding father of Alpha Epsilon Pi social fraternity.
American Institute of Aeronautics and Astronautics local chapter treasurer
and historian.
Engineer's collegiate council AIAA chapter representative.
Student pilot's license, SCUBA open-water diving license, well traveled.

REFERENCES

(upon request)