

Matthew Moore
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PROFESIONAL SUMMARY: I am currently in my first year of studies working towards a PhD in Mathematics. I have experience tutoring mathematics and working with children.

EDUCATION: **University of North Carolina** Chapel Hill, NC
PhD Candidate in Mathematics

University of Tennessee Knoxville, TN
B.S. in Mathematics, Minor in Physics May 2005
GPA 4.0, summa cum laude

EXPERIENCE: **University of North Carolina** Chapel Hill, NC
Teaching Assistant August 2005-Present

- Tutor college students at Math Port Study Center
- Assist Mathematics Professors with grading responsibilities

Concord Sailing Center Knoxville, TN
Sail Camp Instructor Summer 2005

- Instructed basic sailing course to children ages 8-14
- Maintained primary responsibility for groups of 8 children

Department of Energy Internships Oak Ridge, TN

at Oak Ridge National Laboratory
Intern in CS and Mathematics Dept Summer 2004

- Conducted research in Applied Mathematics
- Developed ideas for paper currently submitted and under review

Susan Weissfeld Knoxville, TN
Private Tutor Fall 2002 – Spring 2003

- Tutored High School Student in Algebra
- Helped to significantly improve test scores

RELATED COURSEWORK: Extensive coursework in both pure and applied mathematics, including analysis, modern algebra, geometry and topology, and numerical analysis. Also, 6 hours in education courses: Educational Psychology and Mathematics Teaching Seminar.

SKILLS: Certified US Sailing Instructor, Certified in First Aid
Computer Skills: Programming skills in Fortran, C, Matlab, as well as knowledge in several operating systems: Unix, Linux, Mac, Windows.

ACTIVITIES & AWARDS: Top Collegiate Scholar, University of Tennessee May 2005
Presidential Scholarship, University of Tennessee
University of Tennessee Sailing Club, Treasurer Fall 2004 - Spring 2005

PUBLICATIONS “Evaluation of Supersingular Integrals: Second Order Boundary Derivatives”
Submitted and under review: *SIAM J. Scientific Computing*