

Erich L Foster

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OBJECTIVE

A position in Hydrogeology or Mathematics related field.

EDUCATION

Master's of Science, Hydrogeology
University of Nevada, Reno
GPA 4.0

Expected upon graduation in May 2006

Master's of Science, Statistics
University of Nevada, Reno
GPA 4.0

Expected upon graduation in May 2006

Bachelor's of Science, Applied Mathematics
University of Nevada, Reno
GPA 3.1

May 2003

SKILLS

Programming: C++, Java, Maple, LaTeX, and HTML.

Software: Visual C++, Waterloo Maple, Minitab, Excel, and Word.

AWARDS

National Dean's List

2001-2002

Maud Dimmick Academic Scholarship

Fall 2001

EXPERIENCE

Research Assistant

April 2004 to May 2005

[Mark M. Meerschaert](#), Ph.D. University of Nevada, Reno Department of Mathematics

[Stephen W. Wheatcraft](#), Ph.D. University of Nevada. Reno Graduate Program of Hydrologic Sciences

- Fractional derivatives and their applications to solute transport through porous medium.

Teaching Assistant

August 2003 to May 2004

University of Nevada, Reno Department of Mathematics

- Course Instructor

-Algebra and Trigonometry (Math 128) Fall 2003 to Spring 2004

Grader

August 2002 to May 2003

University of Nevada, Reno Department of Mathematics

- Graded homework for Mathematical Modeling and Probability and Statistics.
- Followed instructor's guidelines for grading papers.

Lab Assistant/ Tutor

August 2000 to May 2003

University of Nevada, Reno Math Center

- Adapted curriculum to meet individual needs.
- Aided students in such subjects as Single/Multi-Variate Calculus, Differential Equations, Linear Algebra, and various lower division mathematics courses.