

# JEFFREY M. SCHNEIDER

## CAMPUS ADDRESS

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## HOME ADDRESS

2551 N. 64<sup>th</sup> St.  
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(414) 453-1899

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## EDUCATION: University of Wisconsin-Madison

**M.S. Geological Engineering**, *expected May 2007*

GPA (3.786/4.0)

Advisor: Dante Fratta

**B.S. Geological Engineering and Geology/Geophysics**, *May 2005*

GPA (3.692/4.0)

## RELEVANT COURSEWORK

Remediation Geotechnics	Applied Geophysics
Hydrogeology	Wave Propagation in Geomaterials
Soil Mechanics/Rock Mechanics	Slope Stability/Foundations
Retaining Structures	Technical Writing

## RELEVANT EXPERIENCE

### University of Wisconsin Geological Engineering Program, Madison, WI

*Research Assistant, September 2005 – Present*

- Worked on initial development of an automated system for the rapid determination of field water content and density of soils. The system incorporated the use of elastic waves and electromagnetic waves. Development included research on topics of physical properties of soils, electromagnetic and elastic wave propagation, and signal and data processing. The project was funded through the US Army Small Business Innovative Research (SBIR) Program.

### University of Wisconsin Civil and Environmental Engineering Department

*Teaching Assistant, January 2005 – Present*

- Performed Teaching Assistant duties for Soil Mechanics (Civil Engineering 330), including grading papers, assisting students with homework during scheduled office hours, and leading discussion sections.

*Lab Assistant, September 2003-May 2005*

- Provided laboratory and research assistance to graduate students. Obtained knowledge of soil remediation techniques, chemical atomic adsorption procedures, and other laboratory tasks.

## **Sigma Environmental Services, Milwaukee, WI**

*Intern, May 2004-September 2004, May 2005-August 2005*

- Assisted professional engineers with report writing, data analysis, and project development. Conducted extensive fieldwork including well development, soil screening, site investigations, and soil boring. Developed time management and project coordination skills in a professional consulting environment.

## **University of Wisconsin Engineering Professional Development Department**

*Student Assistant, January 2005 – May 2005*

- Position involved being a teaching assistant for an introduction engineering class, assisting freshmen engineering students with in depth class design project, papers, and presentations. Includes supervising lab sessions, grading papers, and acting as mentor for students.

## **Other Activities**

Engineers Without Borders UW-Madison Student Chapter

President, (January 2005 – December 2005)

Vice President, (January 2004 – December 2004)

Global Health Interest Group Steering Committee, (February 2006 – Present)

Association of Engineering Geologists/GLE Club

Faculty Liaison (September 2004 – May 2005)

Hoofers Sailing Club (August 2004 – October 2004)

High School Science Olympiad Mentor (September 2004 – April 2005)

## **Awards**

Mack C. Lake Outstanding Senior Scholarship, 2005

Honorable Mention Steuber Prize for Writing, 2004

Civil and Environmental Engineering Chair's Fund Scholarship, 2004

The Carl and Val Dutton Scholarship, 2004

Civil and Environmental Engineering Chair's Fund Scholarship, 2003

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### REFERENCES

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