

Michael Woody

112 Misty Wood Circle, Apt X
Chapel Hill, NC 27514

704 839 9058
mwoody@unc.edu

Objective

To get a job teaching English in a Korean school

Education

Bachelor of Science in Physics, May 2010

Minor in Computer Science
GPA 3.64, Physics GPA 3.58, Dean's List 5 semesters
University of North Carolina at Chapel Hill, Chapel Hill, NC

High School Diploma

GPA 4.6
Covenant Day School
Matthews, NC 28104

Related Experience

Shodor Educational Foundation Durham, NC June 2009 - Present

Web Designer and Curriculum Developer

- Planned and created website of computational physics models for physics educators
- Taught and assisted in workshop on engineering for middle school students
- Created physical models in Matlab, Excel, and Vensim modeling software

June 2007 - Aug 2007

Private Tutor

- Taught entire Algebra Two class to middle school student
- Completed lessons in teacher's guidebook in one summer
- Responsible for making each lesson plan and assigning homework

Covenant Day School Matthews, NC

Aug 2005 - May 2006

Peer Tutor

- One-on-one tutoring for Math and other subjects
- Worked with several students for 2 hours per week

Awards/Scholarships/Honors

National Merit Finalist
Carolina Scholar
Perfect Composite ACT Score

Chancellor's Scholarship
Accepted into UNC Honors Program

Other Experience

UNC Department of Physics and Astronomy Chapel Hill, NC 1/2007 - Present

Research Assistant

- Writing Honors Thesis on lysozyme interaction with titania nanotubes
- Designed and implemented experiments to determine properties of nano-structures

NC State Department of Physics Raleigh, NC

5/2008 - 8/2008

REU Sponsored Research Assistant

- Observed DNA on a gold surface using STM and AFM microscopes
- Designed and implemented Matlab simulation to further investigate experimental results

Computer Skills

Programming Experience with Matlab, Mathematica, Java, Javascript, PHP/MySQL, and HTML
Experience with Analog and Digital Electronics, Labview Programming and DAQ interfaces
Experience with Windows, Macintosh, Linux operating systems and LaTeX