

VINCENT F. FIORE

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773 Sowards Place
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Objective:

To obtain a Ph.D. in the field of Biomedical Engineering.

Education:

B.S. in Bioengineering, May 2008
The Pennsylvania State University, University Park, PA
GPA 3.45/4.00

Relevant Courses

Electricity and Magnetism
Polymer Science
Solid/Fluid/Biomechanics

Statics/Strength of Materials
Organic Chemistry
Thermodynamics

Molecular and Cellular Biology
Differential Equations
Systems and Signal Analysis

Experience:

Quality Control Intern

NanoHorizons, State College, PA

May 2007 to present

- Worked with silver nanoparticle-containing polymers used to produce antimicrobial textile products
- Analyzed textiles and raw polymers for silver content using atomic absorption spectrophotometry
- Performed microbial testing on textile samples for bactericidal effectiveness

Researcher in Material Science Laboratory

The Pennsylvania State University, University Park, PA

May 2006 to January 2007

- Made silane surfaces on silicon wafers through chemical reactions and solution chemistry
- Measured the wetting of surfaces using a goniometer
- Studied protein adsorption on silane surfaces through surface energy via contact angle measurements

Information Technology Assistant

Affinity Connection, State College, PA

June 2005 to present

- Crosschecked system database with current and relevant data
- Assisted with mailings to fraternities and sororities for fundraising and billing; organized incoming pledges
- Created and updated web pages for clients

Computer Skills:

Auto CAD
Matlab

Microsoft Office
Presentation Software

COMSOL Multiphysics

Activities:

- Eagle Scout Award- Boy Scouts of America, January 13, 2004 (Held various leadership positions)
- Four year member of the State College High School Soccer Team- Two year varsity starter and District Champion, August 1999 to December 2003
- Percussionist in symphonic and jazz ensembles throughout high school, September 1999 to May 2004
- Drummer for the Penn State jazz big band "Outer Dimensions", January 2004 to May 2005

References:

Available upon request