

ALLISON J. ARCHER

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EDUCATION

B.A., Mathematics, Minor in Economics (*May 2011*)
Hood College, Frederick, MD

- GPA: 3.42

HONORS

Dean's List (*Spring 2006 and 2007, Fall 2008*)
Trustee's Scholarship for Leadership and Academic Excellence
Member, *Pi Mu Epsilon* - National Honorary Mathematics Society
Mathematical Contest in Modeling, Successful Participant (*2009*)

COURSEWORK

Probability and Statistics	Modeling and Simulation	Calculus I/II/III
Linear & Abstract Algebra	Macro & Micro Economics	Game Theory
Industrial Organization	Finance & Investment	Computer Science

RELATED EXPERIENCE

Carefirst BlueCross BlueShield, Owings Mills, MD
Intern, Actuarial Pricing (Summer 2008)

- Provided direct assistance in updating proposals for healthcare pricing and compiling exhibits needed for approval by the Maryland Insurance Administration
- Participated in meetings with marketing and sales to discuss new rate filings
- Created reports to compare the rates of different health insurance products and assisted management with further analysis
- Researched and created a report on a competitor's products, rates, and benefits
- Attended a forum in order to understand the different aspects of health insurance

Hood College, Frederick, MD

Teaching Assistant/Mathematics Tutor (Fall 2007)

- Assisted Calculus II students with understanding course material
- Worked closely with students to assist with complex problems and exam preparation
- Provided assistance to students in first and second level mathematics classes by helping them understand the foundational concepts of mathematics

ADDITIONAL EXPERIENCE

Hood College, Frederick, MD

Supervisor, Hood College Annual Funds (Feb 2010-Present)

- Supervise the progress of student workers and compare progress with set goals
- Train and motivate a team of 17 annual funds callers

Telecounselor, Admissions (Sept 2006-May 2009)

- Call and interact with prospective students; answer questions
- Prepare a report that summarizes conversations with each prospective student

ACTIVITIES

Least Squares Math Club

Secretary (Sept 2008-Present)

- Record meeting minutes and assist with event planning

Mathematical Association of America (MAA)

Member, Student Chapter (Nov 2009-Present)

- Attend and volunteer at student programs and regional MAA sections

SKILLS

Microsoft Word, Excel, PowerPoint, Minitab, Stata, LaTeX, MATLAB, MathCad, Winplot, Stella