

Reginald Jones

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SUMMARY OF SKILLS

- Resourceful technical designer with a passion for progress and an entrepreneurial outlook
- Effective leader: ability to direct teams of people with different backgrounds and personalities
- Practical experience in industry: organized and efficient manager of time and money
- Research ability: strong experimentalist with solid mechanical engineering background
- Effective in oral and written communication in both English and Spanish

EDUCATION

Bachelor of Science in Engineering,

Concentration: Mechanical

Messiah College, Grantham, PA May 2005

GPA: 4.0 on a 4.0 scale

RELATED EXPERIENCE

Leader of Senior Engineering Project Team

Dokimoi Ergatai, Grantham, PA, Fall 2003 - Present

- Lead a team in the creation of a marketable product
- Developing a low cost camping water purifier that will meet EPA standards
- Coordinating weekly meetings; planning and documenting progress of team
- Research and design on appropriate technology water filtration techniques
- Affordable and portable purifier implemented in Guatemala

Process Engineering Intern

Schindler Elevators Corporation, Gettysburg, PA, Summer 2004

- Planned Kaizen Events for one of the top 20 manufacturing plants in the county
- Implemented Lean Manufacturing Techniques to restructure plant layout
- Presented results of Kaizen Events to plant managers
- Filed and evaluated quality control problems
- Updated Auto CAD drawings

Harvard University's Research Experience for Undergraduates

Cambridge, MA, Summer 2003

- Performed a guided study on magnetoresistance in 10-15nm Nickel nanowires
- Wrote a scientific final report and delivered a speech to professors and students
- Assisted in development of LabView testing software
- Gained valuable laboratory experience using dangerous chemicals and elaborate equipment
- Interacted with and learned from a highly qualified team of experimentalists and theorists
- Obtained publishable results and planned future direction of research

Astronomy Lab Instructor and Teachers Aid

Eastern Nazarene College, Quincy, MA, Spring 2002 – Fall 2003

- Taught students abstract concepts and explained procedures to them
- Graded exams and papers, offering students and professor feedback
- Restructured the syllabus and enhanced many of the experiments and exercises

OTHER WORK EXPERIENCE/ ACTIVITIES

- Assistant to the Dean of the School of Math, Engineering and Business, Fall 2004 - Present
- Writer for Opinions section of "The Swinging Bridge", Fall 2004 - Present
- Member of the Investment Club, Spring 2004 - Present
- Technical Assistant and Spanish Tutor, Messiah College Language Lab, Fall 2003 - Present
- Assistant at editing office, "Science and Theology News", Spring – Summer 2002