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Julie Ann Jones

Objective

Seeking full-time position in the fields of Civil or Environmental Engineering. Working in water quality, stream remediation, or environmental conservation.

Research

In the fields of water quality and hygiene education. This research is the development of filters to capture and purify rainwater, or filter river water in dry periods. These filters will be implemented in the Amazon Rainforest, to improve the quality of the drinking and cooking water. As a result, this will also reduce a high mortality rate due to a decrease of bacteria and other transmittable water diseases. This research will positively impact Arkansas and our global community.

Education

Masters of Science in Civil Engineering, emphasis in Environmental Engineering May 2007
University of Arkansas, Fayetteville 3.826

Bachelors of Science in Civil Engineering May 2005
University of Arkansas, Fayetteville 3.400

Work Experience

Graduate Assistant, University of Arkansas Fayetteville, AR August 2005-Present

- Work as a Graduate Assistant in the Environmental Engineering classes. Teach the Environmental Engineering I Lab as well as grade, lecture as needed, and answer student questions for Environmental Engineering and Environmental Design. Engineering knowledge, teaching skills, patience, human management, and practicality are needed.

CTTP Proctor, University of Arkansas Fayetteville, AR August 2003-Present

- Work for The Center for Training of Transportation Professionals as a proctor. Professionals test to become certified in working with and running tests on soil, aggregate, concrete, and hot mix asphalt. Lab and Engineering knowledge is needed along with people skills.

Engineer Co-Op, Cooper Tire and Rubber Texarkana, AR Summer 2005

- Worked for Cooper designing containment structures for tanks, transformers, and unloading areas. Worked on the improvement for an outfall structure of the plant. Engineering knowledge, design, project management, and practicality were needed.

Engineer Intern, Natural Resources Conservation Services Hope, AR Summer 2006

- Worked for NRCS through the US Department of Agriculture in the South Arkansas Technical Service Center. The regional engineering office served the lower 28 counties of Arkansas. Designed irrigations systems and wetlands. Worked as both a field engineer and on designing systems. Practical thinking, knowledge of surveying, computer, and people skills were needed.

Engineer Intern, Arkansas State Highway and Transportation Department Texarkana, AR Summer 2004

- Worked for AHTD in the Texarkana Regional Engineering office. Worked as a field engineer and worked on plans. Quick thinking, practicality, and people skills were needed.

Sports Editor, Baylor University Round-Up Yearbook Waco, TX August 2000-December 2001

- Advanced from the position of writer, photographer, and caption writer to layout, design, and sports section editor. Time management, communication skills, and exceptional people skills were needed.

Leadership

Engineers Without Borders – Professional Chapter

- Secretary/Treasurer, 2006
- One of the Founding Members, 2006

Engineers Without Borders – Student Chapter

- University of Arkansas Chapter Founder, 2006
- President, 2006

Women in Engineering/ Society of Women Engineers

- Civil Engineering Departmental Coordinator, 2004-present
- Mentor, 2004- present
- Civil Engineering Mentoring Coordinator, 2006

Chi Epsilon

- National Civil Engineering Honor Society
- Secretary, 2004-2005

Leadership

American Society of Civil Engineers - Student Chapter

- President, 2005
- Vice-President Membership, 2004
- Represented University of Arkansas at the ASCE Zone II Student Leadership Retreat, 2004 and 2005
- Member at Large on the Officer's Board, 2003
- Competition Chair, 2002- 2005
- University of Arkansas' Representative at the society's regional conference- 2002- 2005
- Concrete Canoe Committee: Construction, competition, and mix design, 2002- 2006
- Steel Bridge Committee, 2002- 2004

Kappa Delta Sorority

- Alumni Association member, 2005-present
- Chaplain, 2004
- Philanthropy Day Coordinator and Assistant, 2004 and 2003
- Recruitment committee, 2003- 2004
- Sisterhood Enrichment Team Leader on the New Member Education Program, 2003
- Academic Excellence Workshop Coordinator, 2003
- Academic Excellence Committee, 2003
- Certified by the state of Arkansas Engineers and Land Surveyors as an Engineer Intern.
- Inducted into Golden Key International Honor Society, an honor society to recognize the top fifteen percent of class.
- A member of Order of Omega, a Greek honor society.
- On the Dean's list at University of Arkansas for the Spring of 2004.
- On the Presidents list at Texarkana College in the Spring of 2002.
- Awarded scholarships from both The Academy of Civil Engineers, and the Arkansas Section of American Society of Civil Engineers.
- Nominated by The University of Arkansas Civil Engineering Department Head for the United States Achievement Academy National Collegiate Engineering Award in 2004, 2005 and 2006.
- Received honorary award recognition by the National Dean's List for 2003-2006.
- A member of Order of the Engineers, an Engineering Ethics Organization.
- A member of Greeks Advocating the Mature Management of Alcohol, which educated the Greek community on drinking and other safety issues.

Honors/Activities

Activities and Leadership

Arkansas Children's Hospital: Assisted in the planning and implementation of Kappa Delta "Football Run" and other projects to raise \$8,000, the hospital's largest contribution from a non-profit organization, 2002-2005.

AWANA Program: AWANA, Approved Workers Are Not Ashamed, is a Christian development program. Director of the Sparks group at University Baptist Church in Fayetteville, Arkansas for kindergarten to second grade girls and boys, teaching and leading the children and workers, 2006-2007 school year. Taught the Truth and Training group at University Baptist Church in Fayetteville, Arkansas to fifth grade boys, 2005-2006 school year. Taught the Cubbie group for preschoolers at Central Baptist Church when home, in Texarkana, Arkansas, 2001- Present.

Bible School: Taught and assisted in preschool, elementary, and youth age groups at Central Baptist Church every summer since 1997. Games director for Vacation Bible School, Summer 2006.

Bryce Davis Park and Wilson Park clean-up: Pick up trash, spread mulch, plant trees, and perform other beautification tasks to the park, as a part of Fayetteville's adopt a park program, 2003- Present.

Girl Scouts: Teacher for Scouting University, 2004-2006. Helped with local Girl Scout Troops, 2002-2006. Events included planning and hosting pumpkin carving, Easter Egg Hunts, and a Mother Daughter Tea.

Kilpatrick Elementary and Jefferson Elementary: Volunteer at the after school program. Tutored and played with underprivileged children, 1998-2005.

Prevent Child Abuse America and Children's Safety Center: Helped raise over \$2,500 dollars through the annual "Greek Man Pageant" and spaghetti supper and volunteered at the Hog-Eye Relays to benefit this organization, 2003-2006.

Special Skills/ Certification

- Engineer Intern in the State of Arkansas, #6886
- American Concrete Institute Certified
- PADI Scuba Diving Certified
- American Red Cross Lifeguard Certified