Rianna Cathleen Preston

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Degree Information

Nuclear Engineering, Senior, Spring 2013/BS

Education

Oregon State University (01/2011 – Current)

South Dakota School of Mines and Technology (08/2008-07/2009 & 01/2010-12/2010)

Idaho State University (08/2009-12/2009)

Experience

GUI Programmer (10/2012-Current) – Creating a graphical user interface designed to read and update data, as well as log the data and output a warning when the data goes out of specified safe operating limits.

Electrical Fundamentals Teaching Assistant (08/2011-Current) – Lecturing on the material to students, explaining and assisting with homework, and proctoring and grading tests.

Physics Department Lab Assistant (08/2010-12/2010) – Setting up, cleaning up, and supervising the student labs, as well as grading the lab reports and assisting students with any problems they might have had.

Chemical Storeroom Technician (01/2010–05/2010) – Setting up chemistry labs, keeping track of items/chemicals that have been loaned out, maintaining glassware, sorting chemicals and equipment, and creating some chemical compounds.

Technical Theatre Crew (08/2009-12/2009) – Building theatre sets (this includes building structural frames, building covers, foam details, metal details, and painting), as well as managing a team of volunteers, hanging lights, and building some props.

Sponsored Programs Assistant(05/2009-07/2009) – Duties included maintaining an electronic database of all proposals submitted through the school, scanning documents, creating and maintaining an electronic archive of all documents, and filing and completing any other tasks requested.

Activities

Tech Association of Games(2008-2010) – President. Duties include setting up rooms for individual games, presentation for funding, ordering t-shirts, setting up events, advertising events, and arranging for any school events the club could attend.

Skills

Linux OS, Command Line, Microsoft Word/Open Office, MatLab, MathCAD, AutoCAD, Solid Works, C++, some Fortran, some Python, MCNP, RELAP, trained in most shop tools, as well as welding and blacksmithing