Brian Scott Long

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OBJECTIVE:

To obtain employment or an internship in the electrical engineering field.

EDUCATION

University of Florida, Gainesville, FL (August 2008 – Present)
Electrical Engineering/Nuclear Engineering minor.
GPA 4.00.
Expected graduation May 2011.

TRAINING

Naval Nuclear Prototype Training, Charleston, SC (January 1993 – June 1993)
- Received 1400 hours of hands-on training on an operational nuclear reactor.

N**aval Nuclear Power School,** Orlando, FL (June 1992 – December 1992)
- 1000 hours of classroom training on reactor plant systems, chemistry, reactor physics, and thermodynamics.

EXPERIENCE

University of Florida Subjugator Team (May 2009 – Present)
- Designed and implemented the Battery Control and Protection System.

University of Florida Training Reactor (UFTR) Digital Control Upgrade Fellowship (January 2009 – Present)
- Compiled data for NRC licensing of the United States' first all digital reactor safety system.
- Worked with University of Florida Nuclear Engineering Department professors, staff, and graduate students.
- Wrote progress reports and prepared licensing documents.

Electrical Leading Chief Petty Officer, United States Navy (October 2003 – June 2008)
- Supervised and mentored junior technicians.
- Implemented upgrades to shipboard OSHA program.
- Managed all electrical maintenance and repairs.

Digital and Basic Microprocessor Instructor, United States Navy (May 2000 –October 2003)
- Trained students on basic digital and microprocessor theory as applied to nuclear power plants.
- Upgraded course curriculum to include PowerPoint presentations, 3D graphics, and animations.

Surface Ship Nuclear Propulsion Plant Operator, United States Navy (August 1995- May 2000)
- Stood reactor plant supervisory watches.
- Directed electrical corrective and preventative maintenance.
- Implemented electrical division reactor plant engineering alterations.
- Trained personnel on reactor plant theory, operations and casualty control.
- Supervised 20 personnel.

ACTIVITIES
- Member of IEEE, American Nuclear Society, and Eta Kappa Nu Honor Society.