



# V.O.T.E.R.S.

UMASS-LOWELL WITTEN TECHNOLOGIES NORTHEASTERN UNIVERSITY UNIVERSITY OF VERMONT TRILION QUALITY SYSTEMS

## Seeking Graduate Student Researcher

We seek an outstanding student who is an experienced embedded system firmware and control software developer with background in Computer or Electrical Engineering for our VOTERS project. Join us in designing and developing data processing and control hardware and firmware to perform signal processing, control data acquisition and integrate multiple and varying data streams. Be at the heart of integrating this complex and diverse real time system. Learn to program in the latest real time embedded operating environments. This position requires excellent software (firmware) design skills, hardware knowledge, and demonstrated technical enthusiasm. The successful candidate will be sponsored as a Research Assistant towards PhD study with PhD dissertation in line with the VOTERS project.

More information about VOTERS can be found at:

[http://www.northeastern.edu/nupr/news/0109/NIST\\_VOTERS\\_Grant.html](http://www.northeastern.edu/nupr/news/0109/NIST_VOTERS_Grant.html)

### Requirements/Qualifications:

- BS in Computer Engineering, Electrical Engineering, or Computer Science
- Currently enrolled as a Master/PhD student at Northeastern University
- Experience with intensive software development in C, C++, and JAVA
- Experience with embedded systems
- Knowledge in Linux programming and real-time operating systems
- Ability to survey research in different fields.
- Excellent communication skills and ability to work in fast paced environment is required.
- Experience with Web development in Java Script, Flex, and Database a plus.

# Northeastern University



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**To apply:** Provide resume, cover letter describing experience and interest to Prof. Wadia-Fascetti at [swf@coe.neu.edu](mailto:swf@coe.neu.edu).

Northeastern University