Position Announcement: Graduate Research Assistant

A Graduate Assistant Researcher (GAR) position for master’s study at the Computer Science Department at Texas A&M University at Commerce (www.TAMUC.edu/CS) is available beginning Fall 2014 semester: September 1, 2014. The project duration is one year, with possible extension contingent on funding. The project involves data acquisition with a 32-channel wireless dry-electrode EEG device, and subsequent neuroimaging data analysis and classification. A student with Computer Science, Computer Engineering, Electrical Engineering, Biomedical Engineering, Applied Mathematics, Statistics, Psychology, Physiology or a related/multidisciplinary background is desired. The student will be pursuing graduate study at TAMUC; or must be able to meet the requirements to get accepted at TAMUC graduate school (official application & fee, TOEFL 79+/213+ or IELTS 6.5+, GRE, transcripts, etc.) and need to apply to TAMUC graduate school: http://www.tamuc.edu/academics/graduateSchool/graduateAdmissions/default.aspx

Strong algorithm development and implementation skills and good analytical, organizational and communication skills are needed. Programming experience with MATLAB, data analysis and classification, and EEG / neuroimaging data analysis is preferable. In addition to receiving a stipend/salary, the selected student will be eligible for reduced in-state/resident tuition rate a TAMUC. For details, please visit: http://www.tamuc.edu/admissions/tuitioncosts.

Although previous experience is preferable, the GAR will be trained by the PI on MATLAB, machine learning algorithms, data acquisition and analysis with the EEG machine. The GAR will be involved in preparing and posting flyers the subject/participant recruitment, communicating with participants and scheduling appointments for experiments, conducting the experiments under the PI’s supervision, collecting and recording data, implementing the newly developed algorithms in MATLAB, analysis of the EEG data with the existing and newly developed classification methods, compiling the results, and assisting the PI writing reports and publications. The GAR will be expected to do a master’s thesis based on his/her involvement in this project.

Commerce, TX, home of the TX A&M University at Commerce, the second largest campus of the TX A&M University System, is a scenic college town which is one hour drive northeast of Dallas, TX and part of the greater DFW metroplex. Due to its size, location, climate and low cost of living, together with TX A&M University at Commerce, it provides an excellent environment for both undergraduate and graduate studies.

Please direct inquiries to the project PI:

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Interested applicants should send the project PI the following via e-mail:

1. CV including contact information of three references
2. Copy of transcripts from all schools attended, including current ones for enrolled students
3. Brief letter explaining graduate school goals and past experience related to the project above
4. Most recent GRE scores
5. Most recent TOEFL or IELTS scores (for international applicants)