

Paid Research Opportunity for both Graduate and Undergraduate Students in Computer Sciences

Dr. Khodayari research group in Civil and Environmental Engineering is working to develop an online Environmental Energy Portfolio Management Tool for Cal State LA. The goal is to develop an inventory of GHG emissions for CSULA and supporting mechanisms for the reduction of campus GHG emissions and further to develop an online interface that can be used to determine the impact of such reduction scenarios on campus GHG emissions and to determine if these scenarios are attainable in a timely and costly manner. Both graduate and undergraduate CS students are needed to assist in the development of the online interface. The selected student will be awarded a Sikand Fellowship, which includes a monetary stipend. The commitment for this award is for the summer and fall semesters (Starting ASAP and ending in Dec, 2019).

Applications for the position should include (a) a cover letter addressing the required and desired qualifications, (b) a resume, (c) unofficial transcripts, and (d) all other required materials. Send applications in a single PDF file by email to Dr. Khodayari at akhoday@calstatela.edu. Review of applications will begin immediately. For further information about the position you can email Dr. Khodayari directly or you can ask to have an appointment with her (office located in ET A216).

The commitment for this project is for 2018-2019 academic year (Starting ASAP and ending in December 2019). A report of work completed will be required by December 01.

Required Qualifications:

- Overall GPA of 3.0 or higher.
- Excellent programming skills (e. g. Matlab, JavaScript, C/C++ and Python, etc)
- Excellent Knowledge of PHP/Java, and website design
- Have a basic understanding of building a GUI (Dashboard)
- Demonstrated ability to work independently and be proactive in seeking assistance when needed.
- Commitment to high quality work:
 - Provide a sample of one of your recent coding project.