Research Experience for Undergraduates (REU) Positions

Visualization, Data Mining and Data Integration

The Center for Visual and Decision Informatics is seeking to hire ONE UL Lafayette undergraduate to conduct research on extending visualization and analytic frameworks developed by CVDI researchers. The project will involve literature surveys, algorithmic exploration, and system development. The student will become familiar with CVDI research on real-time social media analysis, interactive visualization, real-time graph analysis, and real-time anomaly and hotspot detection. The student will conduct research aimed at either extending the results of the CVDI projects or porting techniques developed for one project into another. The results of the research will be presented at the CVDI Industry Advisory Board meeting in October 2015. Positions will remain open until filled.

General Requirements
- Junior and/or Senior (not graduating before May 2016)
- U.S. citizen, U.S. national, or permanent resident of United States
- Background in software development using C++ and/or JAVA
- Interest in Conducting Research

Desired Skills/Knowledge
- Computer Science and/or Informatics major
- Experience with
  - Graphics or 3D program tools
  - Developing for Interactive Devices
    - Mobile Devices
    - Touch Devices
- Relevant Courses such as:
  - Graphics or 3d Environments
  - Scientific Computing
  - Human-Computer Interaction
  - Artificial Intelligence

For more information about CVDI, please visit http://nsfcvdi.org.

Send resumes to Aeriel Frederick at apf2032@louisians.edu with CVDI REU Applicant as the subject line.