Open PhD Position in Data Visualization
University of Notre Dame

DESCRIPTION: The visualization group at the Department of Computer Science and Engineering, University of Notre Dame, is looking to fill a position for a PhD student. Applicants should hold a bachelor or master degree in computer science or a related field, and are expected to have experience in data visualization, visual computing, or computer graphics - ideally in one or several of the research projects listed below. Applicants should have excellent programming skills (C/C++, OpenGL and CUDA) and good command of English (speaking, reading and writing).

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CURRENT RESEARCH PROJECTS:
✧ Time-varying multivariate scientific data visualization
✧ Line- and surface-based techniques for flow visualization
✧ Graph-based techniques for visual analytics of big scientific data
✧ Visualization of large image and text collections for sensemaking
✧ Pedagogical tools for teaching and learning visualization concepts
✧ Web-based visualization and analytics of the global adaptation index
✧ Detection and visualization of mind wandering using multimodal tracking data