



# Notre Dame CSE Engineering Projects In Community Service

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The Notre Dame CSE department realizes the University's commitment to community service through active learning in support of local and national non-profit projects. Engineering, management, and communication skills mature through application.



## St. Joseph River

Create a web-based data entry system to serve as a mechanism for the storage and retrieval of measurements used to monitor changes in the St. Joe River water quality.



## National Habitat for Humanity

Develop a web-interfaced, database reporting software for Habitat for Humanity-National. This is a collaboration with EPICS students from Purdue and the University of Wisconsin.



## Computers for All

Design and specify a mobile computer training facility by the identification, estimation, and integration of components for a large transport vehicle retrofit package.



## Toy Modification

Adapt and redesign toys for use by children with disabilities. Students modify the internal circuitry to add suitable interfaces as requested by Logan Center Therapists.



## Montessori Academy Project

Provide analysis and design for the school's strategic technology plan. Students specialize in the determination of networking, computer, and software requirements.



## The Notre Dame Autism Project

Design a dynamic, web-based information system to serve as a national resource for parents of children with autism, while creating a support network via the user community.