CSE/EE 577 Project Request Form

Due Thursday, April 1 by 5pm (in Prof. Seitz's mailbox)

Your name: _____

Partner for first two projects: _____

You and your partner will implement one algorithm from each category and also an application of that algorithm.

For each category, rate each algorithm as 1, 2, or 3, where 1 indicates your highest preference and 3 your lowest. We will try to honor your preferences to the extent possible, while also making sure that each algorithm is implemented by at least one pair of students. **You and your partner should have the same preferences for categories 1 and 2. They may be different for category 3.**

If you cannot find a partner, leave the partner line above blank but fill in your preferences—we will choose a partner for you.

You and your partner will have roughly two weeks to complete each alg/app, and will present your results to the class.

Category 1:

___ Belief propagation   ___ Expectation maximization   ___ Graph cuts

Category 2:

___ Level sets   ___ Nonlinear least squares/sparse matrix   ___ Discriminative methods

Category 3:

___ Dimensionality reduction   ___ Distance transforms, fast matching   ___ MCMC