

# Projects titles from Spring 2012-2013

Identifying Parkinson's Disease From Accelerometer Data

William Matern, Runze Tang, Shangsi Wang

Modelling Molecular Dynamics of Proteins using Bayesian Networks

Gaurav Kumar, Lakshmisha Bhat

Supapixel Matching Modeled by CRF for Object Tracking and Segmentation in Dynamic Scene

Chi Li

Learning Topically Aligned Words Across Languages via Code-switched Tweets

Nanyun Peng, Yiming Wang

Becoming a Congressional Ninja

Jay DeYoung, Diane Duros, Juneki Hong

A Practice on Learning Conditional Random Fields for Stereo Matching

Xiang Xiang, Heng Wang, Hang Ou

Kinect Gesture Recognition

Ethan Holly

Human Pose Estimation in Complex Environments

Colin Lea

Building a temporal model on a financial product

Yuan Gao, Zhou Ye, Zhaoxuan Jiang

Modeling Action from Active Acoustics

Daniel Mendat, Thomas Murray

An infinite mixture model to cluster Arabic social media data by dialect

Dan Crankshaw, Dan Deutsch, Ryan Cotterell

Computational Personality Recognition

Olivia Buzek, Keith Levin, Meg Mitchell

Predicting Ancestry Using Single Nucleotide Polymorphisms

Yang Bai, Jean Fan

Development of an MDP to augment clinical decision making for ICU patients  
Chris Paxton, Danning He, Amy Babay

EMG Decoding for Myoelectric Prostheses: Simultaneous Control of Multiple Degrees of Freedom  
Mike Powell, Neil Hallonquist, Evan Schwab

Facial recognition  
Huitong QIU, Jianan Zhan, Shaojie CHEN