

Project Titles from Fall 2013

Infer Missing Edges from a Sparse Graph with application to understanding drug efficacy

Zhou Ye, Bing He and Zhao Gao

Dominion: Machine learning in Game Decision

Mike Smith and Elan Hourticolon-Retzler

Shape Priors in Conditional Random Fields for Robust People Segmentation

Gunnar Atli Sigurdsson, Robert DiPietro

Word alignment

Pushpendre Rastogi and Naomi Saphra

Improving Image Segmentation using Depth information

Lingling Tao, Lin Forrest Yang and Siddharth Mahendran

A Method for Early Detection of Septic Shock Using Continuous Physiological Data

Adi Renduchintala, Katie Henry, and David Snyder

Differentiating the Citation Role and Documentation Role of Each Document

Shuai Tong and Yuge Gong

An Assisted Annotation Tool to Improve the Process of Kinect Video Annotation

Vamsi Chunduru, Yibing Zhao and Yang Hong

Modeling of Human Evaluators in Machine Translation

Keisuke Sakaguchi

Adaptive control of Convolution Neural Networks using Bayes Net of binary variables for Drop-Out mask estimation in noise robust speech recognition

Vijayaditya Peddinti

Improve the Decoding Accuracy of Predicting Hand Grasp Aperture and Finger Position

Jay Han, Steven Pearlman

Multimodal Learning via Deep Networks

Dung N. Tran

Molecular Dynamics simulations

Josh Wheeler and Yotam Barnoy

Automated handwriting recognition

Jingyi Lu and Bingjing Tang

Knowledge Tracing on Unlabeled Questions

Jeffrey DallaTezza and Justin Snyder