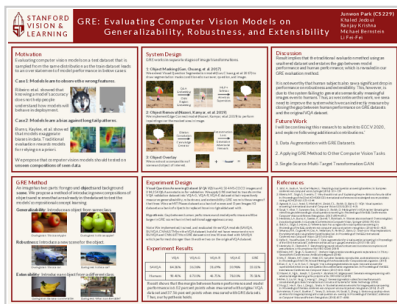




CS 229 projects, Fall 2019 edition

Best Poster Award projects

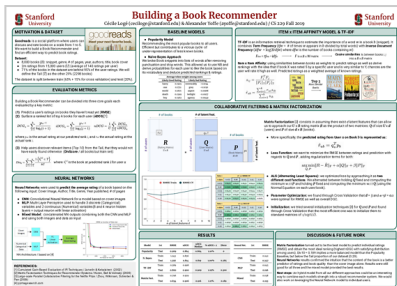


GRE: Evaluating Computer Vision Models on Generalizability, Robustness, and Extensibility

Computer Vision

Junwon Park

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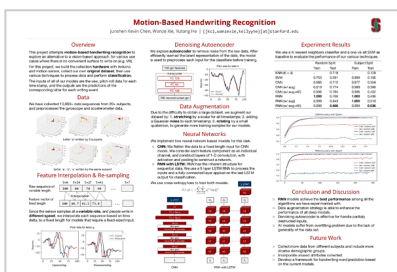


Building the Optimal Book Recommender and measuring the role of Book Covers in predicting user ratings

General Machine Learning

Alexander Yoffe, Cecile Loge

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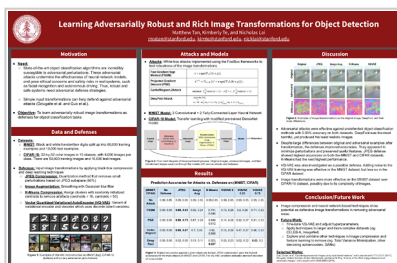
Motion Based Handwriting Recognition

Athletics & Sensing Devices

Kelly He, Kevin CHEN, Wanze Xie

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All project posters and reports

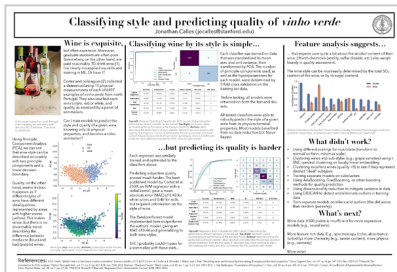


Learning Adversarially Robust and Rich Image Transformation for Object Classification

Computer Vision

Nicholas Lai, Kimberly Alexis Te, Matthew Ang Tan

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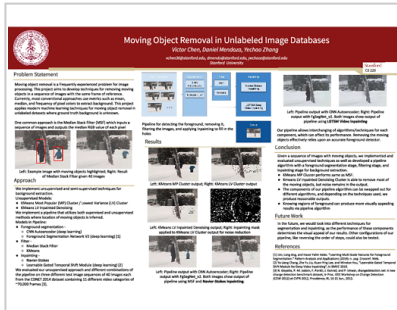


Predicting Style And Quality of Vinho Verde from its Physical Properties

Physical Sciences

Jonathan Elias Calles

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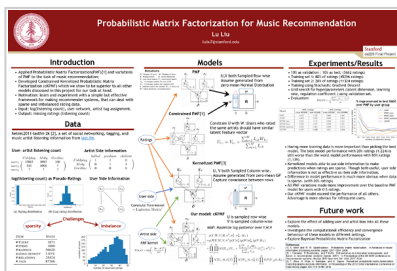


Moving Object Removal in Unlabeled Image Databases

Computer Vision

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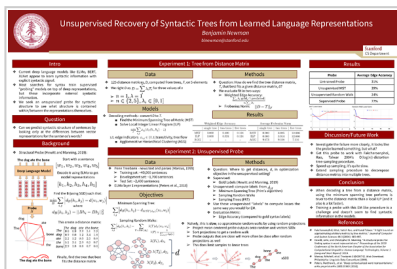


Probabilistic Matrix Factorization for Music Recommendation

General Machine Learning

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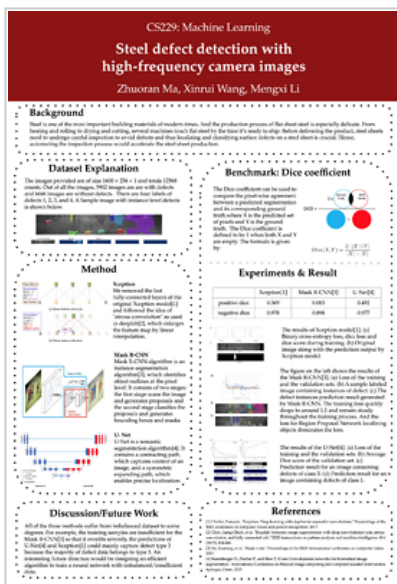


Unsupervised Recovery of Tree Metrics from Learned Language Representations

Natural Language

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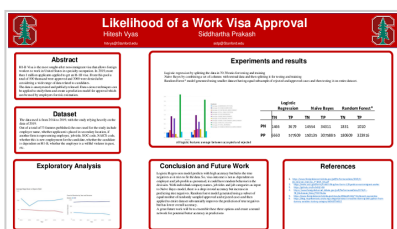


Steel Defect Detection with High Frequency Camera Images

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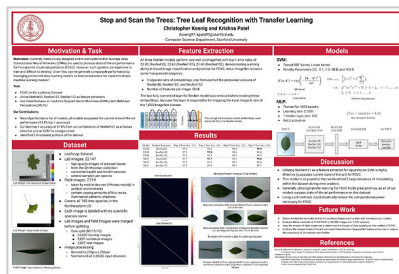


Likelihood of a Work Visa Approval

General Machine Learning

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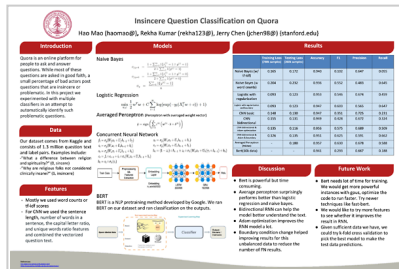
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Stop and Scan the Trees: Tree Leaf Recognition with Transfer Learning

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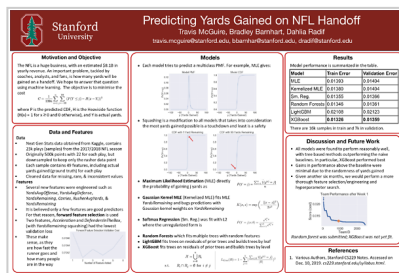
Krishna Kartik Patel, Chris Allen Koenig
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Classification of Insincere Questions on Quora

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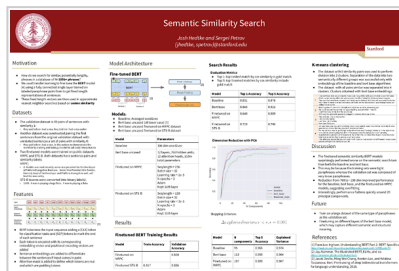
Jerry Chen, Hao Mao, Rekha Kumar
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Predicting Yards Gained on NFL Handoff

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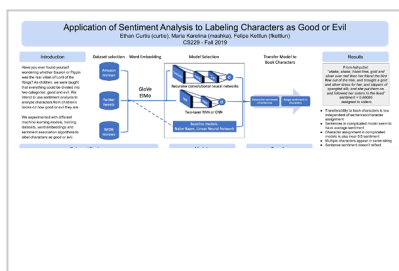
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Semantic Similarity Search

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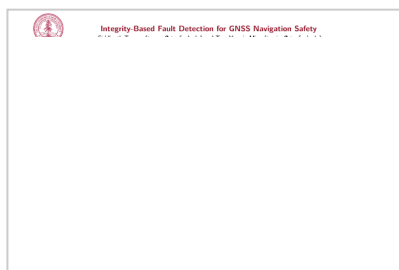
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Application of Sentiment Analysis for Labelling Charaters Good or Evil

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Integrity-Based Fault Detection for GNSS Navigation Safety

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Malicious Agent Classification In Multi-Agent Formation Control

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Machine Learning for predicting sediment particle size

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Predicting Movie Ratings with Multimodal Data

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Real-estate price prediction for King County region

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News-oriented Stock Price Trend Prediction

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Vowel formants predict place of articulation of following consonant in Kannada: Evidence for the autosegmental theory of phonology

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Predicting the Response of Triple-Negative Breast Cancer Patients to Neoadjuvant Chemotherapy using Unstructured Text

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Melbourne Airbnb Price Prediction

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NBA Game Predictions Based on Player Chemistry

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The Goldilocks Zone and Geometric Features of High-Dimensional Parameter Spaces

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Predicting streetcar delays

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Prediction of Future Offensive Performance of MLB

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Toxic Comment Detection and Classification

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Documentation Is All You Need

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Link Failure Prediction and Localization in Cloud Scale Networks using Supervised Learning

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Patch-based Classification on Low Resolution Images

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Gaining a Statistical Edge in Score Prediction using Machine Learning: Role of Meta Statistics in Match Prediction

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Regularization Paths for Stratified Cox's Porportional Hazards Model via Coordinate Descent

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Fake Review Detection on Yelp

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Spread of Wildfire Pollutants in California

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Thank You Next: Using NLP Techniques to predict song skips on spotify based on sequential user and accoustic data

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Automatic Lunar Crater Detection from Optical Images and Elevation Maps

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Bypassing Censorship

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Improving LiDAR Point Cloud Classification of Urban Objects

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Exploration of Anomaly Detection through CCTV Cameras

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Quantum estimation of classifiably intractable kernels for highly entangled feature maps

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