

ZHEPEI WANG

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Education

Ph.D. , Computer Science University of Illinois Urbana-Champaign , Champaign, IL, USA Division: Artificial Intelligence	2018 - present Advisor: Paris Smaragdis
B.S. , Computer Science Harvey Mudd College , Claremont, CA, USA	2014 - 2018 Graduate with High Distinction

Research Interests

Machine Learning and **Deep Learning**, with focus on **Audio** applications

Research Experience

Audio Lab, University of Illinois Urbana-Champaign <ul style="list-style-type: none">Research topics include audio event classification, detection, and synthesis	2018 - present
Music Information Retrieval Lab, Harvey Mudd College <ul style="list-style-type: none">Implemented a system for live song identification using supervised deep learning and unsupervised machine learning methods	2017 - 2018

Project Experience

Tencent AI Platform Department <ul style="list-style-type: none">Engineering Intern at Image and Vision GroupImplemented object detection and image segmentation Group networks including SSD and Mask-RCNN using Tensorflow	Summer 2018
Amazon Prime Now - HMC Clinic <ul style="list-style-type: none">Project leader for a 4-member teamDesigned a system that automatically detects mismatches between product images and text descriptions with deep learningDesigned and implemented a workflow for training a deep neural network to determine similarity between a pair of images	2017 - 2018

Publications

J. Casebeer[#], **Z. Wang[#]**, and P. Smaragdis, "Multi-view Networks For Multi-Channel Audio Classification," *Submission to International Conference on Acoustics, Speech, and Signal Processing*, Oct. 2018 ([pdf](#))

[#] Equal Contribution