

Names	Title	Assigned TA
Eric James Wang, Hugh Beichen Zhang	A new method for chit-chat dialogue generation	Aditya Grover
Ryan Holmdahl	Adversarial variational bayes for graph generation	Aditya Grover
Ben Goeing, Aki Matsukawa, David Tagliamonti	Unsupervised Image-to-Image Translation via Invertible Networks	Aditya Grover
ZHENQIN WU, Margaret Gan Guo	Molecular synthesis with VAE	Aditya Grover
Yanbing Zhu	GANs for stable materials generation	Aditya Grover
Charbel Saad, Stefania Moroianu	Voice conversion with Flow-GAN + CycleGAN	Aditya Grover
Alex Alexandrovich Kolchinski, Andrew Alexander Kondr	Cycle consistency for normalizing flow models	Aditya Grover
Marc Thibault, Ines Chami, Christopher Lazarus Garcia	Graph representation learning with graph VAEs	Aditya Grover
Adithya Chandrasekaran Ganesh	Generative program synthesis on graphs	Aditya Grover
Jing Lim, Ashwini Ramamoorthy, Rewa Rohit Sood	Comparison of various generator networks in ESRGGAN for medical image super resolution	Casey Chu
Philip Allen Etter	Learning denoising and noise models using CycleGANs	Casey Chu
Todd Macdonald, Owen Junjia Wang, Cody Keola Kala	Frame interpolation using GANs	Casey Chu
Gowoon Cheon, YoungJu Jo	Augmenting holographic image classification with GANs	Casey Chu
Jacob Michael Hoffman	Improving brain lesion detection with GAN-generated synthetic data	Casey Chu
Akhila Yerukola, Amita Kamath	GANs for natural language generation	Casey Chu
Arjun Arora, William Zeng	Frame interpolation	Casey Chu
Ben Sorscher	Generative models of gravitational lenses	Casey Chu
Ana-Maria Istrate	Text to image with conditional GANs	Casey Chu
Patrick DeMichele, Victoria Tsai, Sagnik Majumder	Cycle consistency for normalizing flow models	Casey Chu
Tobin Robert Bell	Generating music chord progressions	Casey Chu
Stanley Jacob	GAN models on deep fashion datasets for interactive shopping	Casey Chu
Eric Zelikman	Pinch me if I'm dreaming: Experimentalist models of reality	Casey Chu
Xiao Chen, Thomas Navidi	A GAN based method for fairness and privacy	Jiaming Song
Arnaud Antoine Autef, Amaury Sabran, Benjamin Petit	Image completion with neural processes	Jiaming Song
Zhaoheng Guo, Xizhi Han	Sampling systems near phase transitions using A-NICE-MC	Jiaming Song
Ramtin Keramati	Exploration in reinforcement learning	Jiaming Song
Michelle Annabel Lee, Peter Anastasi Zachares	Multi-modal State Representation for Contact-Rich Robotic Manipulation Tasks	Jiaming Song
Karen Yan Ming Leung	Learning Latent MDPs	Jiaming Song
Animesh Rao Koratana	Learnable Constraints Over the Output Space of Neural Networks	Jiaming Song
Jonathan Austin Booher, Anchit Gupta	sim2real Domain Adaptation for robotic manipulation using GANs	Jiaming Song
Pedro Pablo Garzon, Noa Glaser, Swetava Ganguli	GeoGAN: Geospatial feature learning using GANs	Jiaming Song
Trevor Ted Tsue, Samir Sen	Conditional text-to-speech	Jiaming Song
Liyue Shen	Chest X-ray classification	Jiaming Song

Andrew Bylard	Candidate trajectory generation for robotics	Jiaming Song
Vishnu Sarukkai, Anirudh Jain	Removing clouds from satellite images	Jiaming Song
John Kim	Multitask imitation learning	Jiaming Song
Justin Dieter, Brian Lui	Two stream repulsive BIGAN for novelty detection	Jiaming Song
Patrick Slade, Kunal Raj Menda	Learning dynamics from complex input	Kristy Choi
Abubakar Abid	Contrastive VAE	Kristy Choi
Carlos Alberto Gomez Uribe	Style transfer for music	Kristy Choi
Dian Ang Yap	Audio joint-source channel coding with autoencoders and GANs	Kristy Choi
Ramon Iglesias	Controllable latent representations of dynamical systems	Kristy Choi
Suraj Nair	Learning state-space representations for reinforcement learning	Kristy Choi
Abhishek Kumar Roushan, Will Deaderick	DesiGAN: recurrent autoencoder + style transfer	Kristy Choi
Samuel Roland Schwager, Alexander Haigh, Frits van Pa	Deep Autoregressive Models for Conditional Graph Generation	Kristy Choi
Will Lauer, Oskar Jonathan Triebe, Tymor Hamamsy	Modeling Electrical Loads with Generative Models	Kristy Choi
Apoorva Sharma	Meta-Learned Flow Models for Nonlinear Bayesian Function Regression	Kristy Choi
Loren Amdahl-Culleton	Learning high level audio textures of DX7 using WaveNet VAE	Kristy Choi
Shreyash Pandey, Vivek Jayeshbhai Patel, Megha Jhunji	"Real-time" fine grained text to image generation	Kristy Choi
Rafael Mitkov Rafailov, Gael Gurvan Colas	Video colorization with GANs	Kristy Choi
Shuyang Shi, Yongshang Wu	Change Point Detection with GPs/autoregressive models (??)	Kristy Choi
Meng Tang, Yimin Liu	deep learning based proxy model for fluid flow through porous media	Nish
Davis Winston Rempe	Learning long-range rigid body dynamics with recurrent models	Nish
Ruilin Li	Approximate knockoff variables using Wasserstein GAN	Nish
Jaime Roquero Gimenez	Approximate knockoff variables using VAEs?	Nish
Woody Zhouyuan Wang, Jonathan Michael Gomes Selm	Intuitive teleoperation with VAEs	Nish
Ji Won Park	Classification of Sparse and Noisy Astronomical Time Series Data via Representation L	Nish
Chenzhuo Zhu, Jiaqi Jiang	GAN-enabled metamaterials design with robustness control	Nish
Tony Duan, Daisy Ding, Stephen Robert Pfohl	Counterfactual Fairness in Cardiovascular Disease Risk Prediction	Nish
Masha Itkina	A Generative Approach to Urban Environment Prediction	Nish
Kyle David Julian	Fire segmentation of artificial wildlife images using GANs	Nish
Lisa Lei	MRI reconstruction with GANs	Nish
Zhen Qin, Kuangcong Liu, Haoshen Hong	Travelling Salesman Problem with Probabilistic Generations	Nish
Beliz Gunel, Cagan Alkan	GANs for compressed sensing MRI	Nish
Panagiotis Lolas	Generating high-dimensional time series	Rui Shu
Varun Nambikrishnan, Abhi Raju Kulgod, Neel Chowdary	Learning mood representations to generate music	Rui Shu
Vineet Sai Kosaraju, Zaid Nabulsi, Shuvam Chakraborty	A generative approach to satellite based poverty prediction	Rui Shu

Abhijeet Sheno, Aaron Effron, Alexia Xu	Progressive Flow Models	Rui Shu
Yuxing Chen, Zhefan Wang	An Analysis of Various Image Inpainting Models	Rui Shu
Ashwini Pokle, Apoorva Dornadula	Generating Fairer Datasets	Rui Shu
Marcella Cindy Prasetyo	Unsupervised Face-to-Cartoon Translation with CycleGAN	Rui Shu
Alex Benjamin Poms	Neural Processes Extension	Rui Shu
Chaofei Fan	Optimal decoder for VAE	Rui Shu
Kelly Shen, Christopher Ankeny Chute	Cycle consistency for normalizing flow models	Rui Shu
Xuerong Xiao	Segmentation of dendritic spines in 3D microscopic images	Rui Shu
Nicolas Sanchez	VAE Regularization	Rui Shu
Marco Antonio Ximenes Rego Monteiro	Generating lip movements to match an audio stream	Rui Shu
Malik Abdelkrim Boudiaf	Imitating driver's behavior in urban environment	Yang Song
Neal Jean	Ordered masked generation	Yang Song
Christopher Tzong-Ran Yeh, Rose Marie Rustowicz, She	Deep generative models for disentangled representation learning in remote sensing	Yang Song
Sean O'Bannon, Tyler Otha Smith, Joshua Singer	Scene flow between still images	Yang Song
Zahra Abdullah, Darrith Bin Phan, Mark William Sabini	GAN-stronomy	Yang Song
Xiaobai Ma	Novel view synthesis by geometric transformation and image completion neural network	Yang Song
William Taylor Bakst	Deep generative models for data augmentation	Yang Song
Laetitia Minglei SHAO	Adversarial training with adversarially generated adversarial examples	Yang Song
Andrew Brian Deveau, Youkow Homma	Joke generation	Yang Song
Aldo Gael Carranza	Deep generative graphical models	Yang Song
Jerry Zhilin Jiang, Nathan Hitesh Dalal, Nikhil Sardana	Fast generative image compression	Yang Song
Manon Romain	Adversarial small objects detector	Yang Song
Jen Weng	Cycle consistency for normalizing flow models	Yang Song
Fangzhou Liu	Unsupervised language translation between Japanese and English	Yang Song