MALHAR JERE

(+1)217-530-7679 ⋄ mjjere@ucsd.edu ⋄ malharj.github.io

EDUCATION

University of California San Diego *September 2017 - Present*
MS in Computer Engineering
Specialization: Machine Learning and Data Science

University of Illinois at Urbana Champaign *August 2013 - May 2017*
BS in Electrical Engineering.

PROFESSIONAL EXPERIENCE

Google X Development LLC ***Summer of 2020***
Machine Learning Resident *Mountain View, CA*

Intuit ***Summer of 2019***
Data Scientist Intern *Mountain View, CA*

The Climate Corporation ***Summer of 2017***
Software Engineering Intern *San Francisco, CA*

Motorola Solutions ***Summer of 2016***
Software Engineering Intern *Schaumburg, IL*

SKILLS

Software	Python, C/C++, SQL, MATLAB, x86, ARM, Git, LTSpice, AWS
Frameworks	TensorFlow, Keras, PyTorch, MXNet, OpenCV, Flask, AWS SageMaker

PUBLICATIONS

1. **M Jere**, S Herbig, C Lind, F Koushanfar. "Principal Component Properties of Adversarial Samples". *AAAI-20 Workshop on Engineering Dependable and Secure Machine Learning Systems (EDSMLS)*, 2019.

2. **M Jere**, RK Raman, L Varshney. "The Eurekometric Connectome: Discovering unexplored areas of neuroscience research". *Int. School Conf. Net. Science (NetSci)*, 2017.

3. P Neekhara, S Hussain, **M Jere**, F Koushanfar, J McAuley. "Adversarial Deepfakes: Evaluating Vulnerability of Deepfake Detectors to Adversarial Examples".
URL: *arxiv.org/abs/2002.12749*

4. **M Jere**, B Hitaj, G Ciocarlie, F Koushanfar. "Scratch that! An Evolution-based Adversarial Attack against Neural Networks".
URL: *arxiv.org/abs/1912.02316*.