

MALHAR JERE

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EDUCATION

University of California San Diego

September 2017 - Present

PhD student in Electrical Engineering

Specialization: Machine Learning and Data Science

Advisor: Farinaz Koushanfar

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.