Justin Le

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Education

† *Indicates expected*

2016–2018 † M.S.E., Electrical Engineering, University of Nevada, Las Vegas
Thesis Advisor: Professor Pushkin Kachroo

2012–2016 B.S.E., Electrical Engineering, University of Nevada, Las Vegas.
Minor in Mathematics. CGPA: 3.77/4.00 (*cum laude*).

Research

Preprint URLs available at justinle.info.

Preprints

[1] **Le, J.**, & Kachroo, P. (2017). Fundamental tradeoffs in decoding of finite-state hidden markov models. November 2017.

[2] **Le, J.**, & Kachroo, P. (2017). Convergence of gradient descent for a class of nonlinear regulators. September 2017.

Conferences

[1] **Le, J.**, Yazdanpanah, A.P., & Regentova, E.E. (2015). A deep belief network for classifying remotely-sensed hyperspectral data. Advances in Visual Computing, Proceedings of the 11^{th} International Conference on Visual Computing (ISVC), Las Vegas, Nevada. Springer Lecture Notes in Computer Science. December 2015. DOI: 10.1007/978-3-319-27857-5_61.

Posters

[1] **Le, J.**, Yazdanpanah, A.P., & Regentova, E.E. (2015). Detection and tracking of mobile targets in aerial infrared images. Nevada NASA EPSCOR and Space Grant Consortium Annual Meeting. Las Vegas, Nevada. May 2015. URL: https://nasa.epscorspo.nevada.edu/2015-annual-meeting/.

Presentations

[1] Le, J., (2017). The geometry of signal recovery. Department of Mathematical Sciences, University of Nevada, Las Vegas. November 2017. URL: http://justinle.info/pde-seminar.

[2] Le, J., (2016). A technical introduction to machine learning. Howard R. Hughes College of Engineering, University of Nevada, Las Vegas. October 2016. URL: http://justinle.info/ml-seminar.

[3] Le, J., (2015). A deep belief network for classifying remotely-sensed hyperspectral data. 11^{th} International Conference on Visual Computing (ISVC). Las Vegas, Nevada. December 2015.

Employment

2017	Research Assistant, School of Medicine, University of Nevada
2017	Data Analyst Intern, BOFI Federal Bank, San Diego, California
2016–2018	Teaching Assistant, Electrical Engineering, University of Nevada, Las Vegas
2014–2015	Research Assistant, Electrical Engineering, University of Nevada, Las Vegas

Teaching Assistantships

2017	EE361D, Signals and Systems II	University of Nevada, Las Vegas
2017	EE360D, Signals and Systems I	University of Nevada, Las Vegas
2016	EE360D, Signals and Systems I	University of Nevada, Las Vegas
2016	EE330D, Electromagnetics	University of Nevada, Las Vegas

Selected Honors

2016	Outstanding Undergraduate Scholar Award, Office of Undergraduate Research, UNLV
2014	Gilman and Bartlett Scholar, University of Nevada, Las Vegas

Involvement

2015–2016	President, Nevada Beta Chapter, Tau Beta Pi
2015–2016	Vice Chair, IEEE, UNLV Student Chapter