Justin Le

Ph.D. Student
Department of Electrical & Computer Engineering
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Education

2018–Present	Ph.D., Electrical & Computer Engineering, University of California, Santa Barbara.
	Center for Control, Dynamical Systems, and Computation.
2016–2018	M.S.E., Electrical Engineering, University of Nevada, Las Vegas.
	Thesis Advisor: Professor Pushkin Kachroo. CGPA: 3.71/4.00.
2012–2016	B.S.E., Electrical Engineering, University of Nevada, Las Vegas.
	Minor in Mathematics. CGPA: 3.77/4.00 (*cum laude*).

Research

Theses

[1] **Le, J.** (2018). Fundamental tradeoffs in estimation of finite-state hidden Markov models. M.S. Thesis. April 2018. URL: justinle.info/articles/ms_thesis.pdf.

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.

Jan. 2017–May 2018	Teaching Assistant, Electrical & Computer Engineering Department, University of California, Santa Barbara.
Jan. 2017–May 2018	Research Assistant, School of Medicine, University of Nevada. Hosts: Dr. Kate Martin, Dr. Pushkin Kachroo.
Aug. 2016–May 2018	Teaching Assistant, Electrical & Computer Engineering Department, University of Nevada, Las Vegas.
Jun. 2017–Aug. 2017	Data Analyst Intern, BOFI Federal Bank, San Diego, California.
Dec. 2014–Aug. 2015	Research Assistant, Electrical Engineering, University of Nevada, Las Vegas. Hosts: Dr. Emma Regentova, Dr. Venkatesan Muthukumar.

Employment

Teaching Assistantship Duties

Spring 2018	EE360/360D, Signals and Systems I	University of Nevada, Las Vegas
Spring 2018	EE221L, Circuits II	University of Nevada, Las Vegas
Fall 2017	EE360D, Signals and Systems I	University of Nevada, Las Vegas
Fall 2017	EE320, Electronics I	University of Nevada, Las Vegas
Spring 2017	EE361D, Signals and Systems II	University of Nevada, Las Vegas
Spring 2017	EE360D, Signals and Systems I	University of Nevada, Las Vegas
Fall 2016	EE360D, Signals and Systems I	University of Nevada, Las Vegas
Fall 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, UNLV

Involvement

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