

Siamak Zamani Dadaneh

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EDUCATION

- Texas A&M University, College Station, TX
PhD, Electrical Engineering, (Expected date) September 2018, GPA: 4/4
- Sharif University of Technology, Iran, 2014
M.Sc., Electrical Engineering, GPA: 18.03/20
- Sharif University of Technology, Iran, 2012
B.Sc., Electrical Engineering, GPA: 17.26/20

PUBLICATIONS

- Dadaneh, Siamak Zamani, and Xiaoning Qian. "Bayesian module identification from multiple noisy networks." *EURASIP Journal on Bioinformatics and Systems Biology* 2016.1 (2016): 5, doi: 10.1186/s13637-016-0038-9
- Dadaneh, Siamak Zamani, Xiaoning Qian, and Mingyuan Zhou. "BNP-Seq: Bayesian Non-parametric Differential Expression Analysis of Sequencing Count Data." *Journal of the American Statistical Association*, in-press (2017), doi:10.1080/01621459.2017.1328358.
- Dadaneh, Siamak Zamani, Xiaoning Qian, and Mingyuan Zhou. "Bayesian Negative Binomial regression for differential expression analysis", to be submitted to *Bioinformatics*, 2017
- Dadaneh, Siamak Zamani, Xiaoning Qian, and Edward R. Dougherty, "Optimal Bayesian classification with missing values", to be submitted to *IEEE Transactions on Signal Processing*, 2017.

HONORS

- Ranked 4th among 400,000 participants in the Nationwide University Entrance Exam for B.Sc. degree, Iran.
- Honorary member of National Elite Foundation of Iran.
- Recipient of the 5-year grant for undergraduate studies and 2-year grant for graduate studies from National Elites Foundation of IRAN, awarded to selected members.
- Admission of the Masters Program in Electrical Engineering at Sharif University of Technology as an exceptionally talented undergraduate student.
- Deans Honorary Award by President of Sharif University of Technology

EXPERIENCE

- Research Assistant, Genomic Signal Processing Lab
Texas A&M University, College Station, TX
- Research Assistant, Center for Bioinformatics and Genomic System Engineering, Texas A&M AGRILIFE research, College Station, TX

- Research Assistant, Numerical Electromagnetic Laboratory, Sharif University of Technology, Iran.
- Research Assistant, Advance Communication Research Institute(ACRI), Sharif University of Technology, Iran.

PROFESSIONAL ACTIVITIES

- Neural Information Processing Systems (NIPS) 2017 conference reviewer
- IEEE International Conference on Biomedical and Health Informatics 2017 reviewer
- ACM Conference on Bioinformatics, Computational Biology, and Health Informatics (ACM BCB) 2017 reviewer
- IEEE International Symposium on Information Theory (ISIT) 2016 reviewer

PROJECTS

- M.Sc. Thesis: Modeling of MIMO channels in indoor environments using Ray Tracing method
- B.Sc. Thesis: PAPR reduction in MIMO-OFDM systems using Space-Time Block Codes

PROGRAMMING SKILLS

C/C++, MATLAB, R, Python, Perl, AWK