

JONATHAN STOREY

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Education	2018 - Present	Mississippi State University Distance Program Doctor of Philosophy in Computational Engineering 4.00 GPA Incomplete
	2016 - 2018	Mississippi State University Distance Program Master of Engineering 4.00 GPA
	2013 - 2015	Mississippi State University Starkville, MS Bachelor of Science in Mathematics 3.51 GPA
	2011 - 2013	Hinds Community College Raymond, MS Associate of Arts 3.85 GPA
Experience	09/2018 - Present	Mississippi State University's Institute for Systems Engineering Research Vicksburg, MS Research Engineer I Duties: Programming primarily using the R and Python languages for applications in machine learning and data science. Communication of research ideas and research progress through presentations and papers to research sponsors and at conferences.
	09/2015 - 09/2018	MSU ISER Vicksburg, MS Research Associate I
Presentations		Allen, D., Storey, J., Warren, J. (February 2022). <i>A Data-Driven Approach to Project Cost Estimation for the Mississippi Department of Transportation</i> . Presentation at the ASA CSP, Virtual Conference. Storey, J. (February, 2021). <i>Getting Started with Animations in R</i> . Presentation at ASA CSP, Virtual Conference. Storey, J. (February, 2020). <i>Embarrassingly Parallel R: Getting Started with Parallelization in R</i> . Presentation at ASA CSP, Sacramento, CA. Storey, J. (September, 2019). <i>Approximating the Pareto Set using Surrogate Models</i> . Presentation at SSCET, New Orleans, LA. Bian, L., Lim, H., Storey, J. (May, 2019). <i>Reduced Order Modeling of Spatio-Temporal Data via Tensor Decomposition and Kriging</i> . Presentation at the

High-Performance Computing Modernization Program (HPCMP) User Group Meeting (UGM), Vicksburg, MS.

Storey, J. (September, 2017). *Surrogate Modeling for Tradespace Exploration*. Presentation at SSCET, New Orleans, LA.

Storey, J. (August, 2016). *Visualizing a Computer Network Using R and Gephi*. Presentation at Southeast Symposium on Contemporary Engineering Topics (SSCET), Jackson, MS.

Publications

McCall, T. G., Walden, C., Dalton, L., Watson, T. N., Fuller, S., Dennis, G., Wall, E. S., & Storey, J. K. (2017). *Enhancements to the Manufacturability Knowledge-based Evaluation (MAKE) and a Pilot Case Study*. Mississippi State University: Mississippi State University, Center for Advanced Vehicular Systems Extension.

Scholarly and Professional Memberships

American Statistical Association
Association for Computing Machinery

Research Interests

Data science
Data visualization
Machine learning

References

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