FACULTY VITAE

James Allen Morrison

Education

MSEE, RFIC Design, Rice University, 2022
BSEE, Electrical Engineering, LeTourneau University, 2021
HS Diploma, Tatum High School, 2017

Academic and Professional Experience

2026- Present	LeTourneau University, Adjunct Professor, part-time
2023- Present	Aether Aerospace, RF Engineer, Jun. 2023-Present, full-time
2016-Present	Morr Tech, IT Consultant, May 2016- Present, Freelance
2023	Jacobs Engineering (NASA JSC), RF Communication Systems Engineer, full-time
2021- 2022	Rice University, Research Assistant in RISE Lab, full-time
2019-2021	Aether Aerospace, Electrical Engineering Intern, part-time
2021	LeTourneau University, Electrical Engineering Tutor, part-time
2019	The University of Arizona, HF REU Participant, part-time
2017-2019	LeTourneau University, Network Infrastructure Technician, part-time
2016-2017	Tatum ISD, Summer IT Assistant, part-time
2015-2017	Tatum ISD, NHS Tutor, Aug. 2015 – Jun. 2017, part-time

Professional Credentials, Certifications, or Licensing

STK Level 2 Certification
Certified Disciplined Agile Scrum Master (DASM)
General Class Amateur Radio Operator License

Professional Development Activities

Professional Society Positions
Institute of Electrical and Electronics Engineers (IEEE) Shreveport Section Secretary, 2025, 2026
IEEE Shreveport Section Student Activities Chair, 2023, 2024, 2025, 2026
Faculty Sponsor for LeTourneau University Amateur Radio Club (LUARC), 2026
IEEE Sections Congress Delegate 2026
IEEE R5 2024 Student Competitions Review Panel, 2024

Un-Paid Positions

2021-2022	OWLSAT Communications Specialist, SEDS Rice
2020-2021	LEGRange Senior Design Team Lead, LeTourneau University

Contributions to the Discipline

Publications
J. Morrison, T. Chi, "A 120-GHz Power Amplifier in 45-nm SiGe Process", master's thesis presented at *Rice University*, Houston, TX, December 2022.

J. Morrison and H. Kim, "Determining non-Newtonian Fluid Medium Characteristics using RF Techniques," presented at *IEEE R5 Conference (R5 and GreenTech 2020),* Oklahoma City, OK, April 2020.

J. Morrison, C. San Roman, N. Teku, M. Marefat, and T. Bose, "Analysis of Ionospheric Conditions via Chirp Sounding" presented at *University of Arizona REU Research Symposium*, Tucson, AZ, August 2019.

Invited Presentations

Space to LeTourneau, Can You Hear Me Now?, *LETU Science Seminar*, 19 Oct. 2023

Electromagnetic and Communications Research, *LETU Science Seminar*, 2 Feb. 2020

Honors
LETU Gold Key Honor Society Member 2021

LETU Engineering Honor Society Member 2021

1st Place IEEE Region 5 Student Paper Competition 2020