ReDAS Mission: Cutting-edge research, education in Reasoning, Data Analytics and Security, and address current practical problems in security.
ReDAS

Research Areas:
• Reasoning/Formal Methods
• Data Analytics
• Computer Security

Current Projects:
1. Automatic phishing detection
2. Protocol design and verification
3. NLP Workbench
4. CyberCorps: Scholarships for Service (http://www.cs.uh.edu) – $32K+ scholarships for US citizens/permanent residents who wish to pursue MS and PhD students with Cybersecurity focus
Dedication

• Irving Nathan Rothman, Professor, Scholar and a thorough gentleman 1935-2019
The Story of a Phone Call
The story begins

• Authorship Attribution
Automatic Summarization

- The DUC
Question Answering

• The TAC
Intermezzo: To the producer’s side

• Idioms
• Collocations
A return to Summarization

- DocSumm, NewSumm
- Two surprises
Finale?

- The holy grail: statistical significance
- Perhaps, we can achieve it after all
Acknowledgments

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• Thanks to colleagues!!
• Thanks to students (> 25 graduate students and nearly 50 undergrads) !!!