

NLP Techniques for Security Challenges

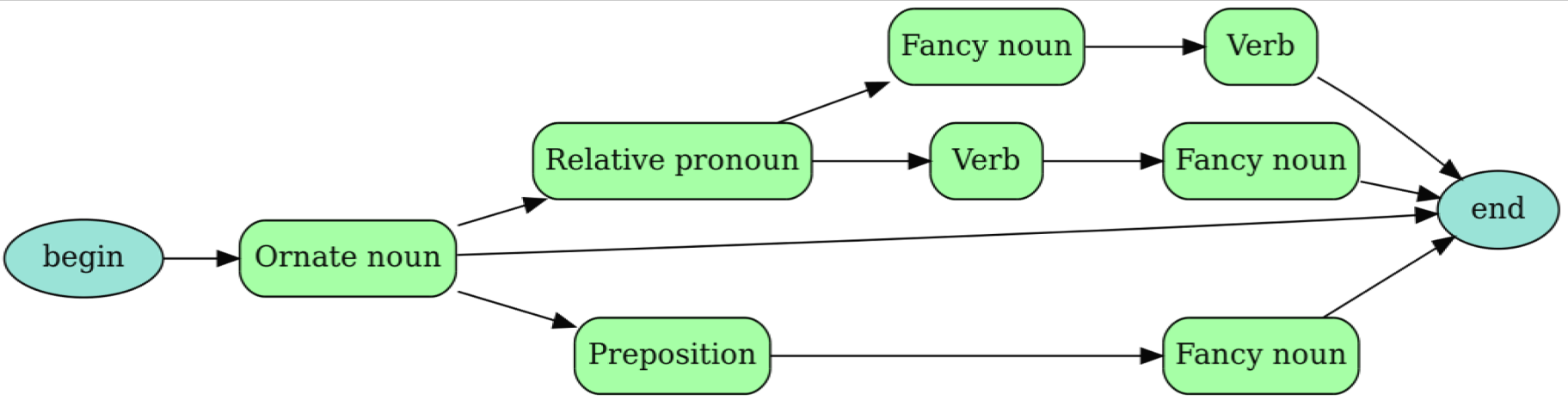
Rakesh M. Verma

**ReDAS Laboratory
Computer Science Dept.
University of Houston**

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



- By Eviatar Bach
<https://commons.wikimedia.org/w/index.php?curid=23288215>



More applications

NLP techniques are being applied to:

- **Fake News Detection**
- **Fake Opinions/reviews**
- **Data Exfiltration**
- **Cyberbullying**

Acknowledgments

- Students: N. Hossain, K. Dyer, T. Thakur, A. Dunbar, N. Rai and S. Baki
- Collaborators: N. Shashidhar, C. Kari, A. Mukherjee and O. Gnawali
- ReDAS group: L. DeMoraes, A. Das, D. Lee, A. Nguyen (Alum: V. Vuppuluri)
- Sponsor: National Science Foundation

Contacts

CS Department: <http://www.cs.uh.edu>

ReDAS Lab: <http://www.cs.uh.edu/~rmverma>

Rakesh Verma - rverma@uh.edu