

Rohan R Paleja.

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“If we knew what it was we were doing, it would not be called research, would it?” - Albert Einstein

Education

- 2018 – Present **Ph.D. Georgia Institute of Technology, Atlanta GA.** in Robotics.
Research Title: *Co-Adaptive Human-Robot Teaming via Anticipatory Machine Learning Modelling (CoHRT)*. More details at www.rohanpaleja.com
- 2017 – 2018 **M.Sc. Rutgers University, New Brunswick NJ.** in Mechanical Engineering.
Thesis title: *Viability and Performance of Indoor Mapping Using the Velodyne VLP-16 LiDAR.*
- 2014 – 2017 **B.Sc. Rutgers University, New Brunswick NJ.** in Mechanical Engineering
Concentration: *Aerospace Engineering*
Magna Cum Laude.
- 2017 – 2018 **Robotics Nanodegree. Udacity, School of Autonomous Systems.**

Industry Experience

- 2019 **Summer Research Intern.** Advanced Concepts and Technologies Group, MIT Lincoln Laboratory, Lexington MA.

Research Publications

Conference Proceedings

- 1 Chen, L., Paleja, R. R., Ghuy, M., & Gombolay, M. C. (2020). Joint goal and strategy inference across heterogeneous demonstrators via reward network distillation. (Vol. abs/2001.00503).

Workshop Papers

- 1 Paleja, R. R. & Gombolay, M. C. (2019). Heterogeneous learning from demonstration. *2019 14th ACM/IEEE International Conference on Human-Robot Interaction (HRI)*, 730–732.

Arxiv Preprints

- 1 Paleja, R., Silva, A., Chen, L., & Gombolay, M. (2019). *Interpretable apprenticeship learning from heterogeneous decision-making via personalized embeddings*. arXiv: 1906.06397 [cs.LG]

Research Experience

- 2018 – Present **Graduate Research Assistant, Cognitive Optimization and Relational (CORE) Robotics Group.** Georgia Institute of Technology, Atlanta GA.
- 2015 – 2018 **Research Assistant, Applied Fluids Laboratory.** Rutgers University, New Brunswick NJ.

Teaching Experience

- 2019 – **Udacity Robotics Nanodegree Mentor.** Udacity Inc.
- 2018 **Graduate Teaching Assistant.** Aerospace Propulsion, under Professor Doyle Knight. Rutgers University, New Brunswick NJ.
- 2017 **Graduate Teaching Assistant.** Alternate Energy I, under Professor Sara Moghtadernejad. Rutgers University, New Brunswick NJ.
- 2017 – ... **Mathematics Tutor.** Tutor.com, Inc.
- 2014-2017 **Mathematics Tutor.** Mathnasium. North Brunswick NJ.

Skills

- Languages **Strong reading, writing and speaking competencies for English, Spanish, Gujarati.**
- Coding **Java, Python, L^AT_EX, C++.**
- Web Dev **HTML, JavaScript.**
- Engineering Packages **Matlab, ROS, Solidworks, Unreal Engine.**

Leadership & Academic Service

- 2020 **Sponsorship Chair.** Human-Robot Interaction (HRI) Pioneers Workshop, Cambridge United Kingdom

References

Available on Request