




# Roya Daneshi

 Roya Daneshi |  Roya Daneshi |  royadaneshi2001@gmail.com

Birth: November 27, 2001

## Education

---

2025 – Present	Ph.D. in Computer Science (Artificial Intelligence), <b>Colorado State University</b> roya.daneshi@colostate.edu
2020 – 2025	Bachelor's Degree in Computer Engineering, <b>Sharif University of Technology</b> (GPA: 18.85/20, 3.86/4) roya.daneshi@sharif.edu
2019	High School Diploma, Mathematics and Physics Discipline (GPA: 19.87/20.0, 3.98/4)

## Research Interests

---

Human-Aware Planning  
Explainable AI  
Human Computer Interaction

## Relevant Courses

---

Artificial Intelligence	(20.0/20.0)
Machine Learning	(20.0/20.0)
Linear Algebra	(20.0/20.0)
ENG Probability and STAT	(20.0/20.0)
Software Engineering	(20.0/20.0)
Web Development	(20.0/20.0)
Mobile Development	(18.1/20.0)

## Research Experience

---

<b>Dr. Sarath Sreedharan's HAPI Laboratory</b> <i>Research Focus:</i> Explainable AI, Human-Aware Planning AI	August 2025 - Present
<b>Dr. Hossein Sameti's SLPL Laboratory</b> <i>Research Focus:</i> Investigating Response Mechanisms in Human-Computer Communication	August 2024 – March 2025
<b>Dr. Mohammad Hossein Rohban's RILM Laboratory</b> <i>Research Focus:</i> Out-of-distribution detection, anomaly detection in machine learning models	March 2024 – August 2024

## Teaching Assistant

---

<b>Dr. Sarath Sreedharan:</b> "Introduction to Artificial Intelligence"	(August 2025 – Present)
<b>Dr. Hossein Sameti:</b> "Signals and Systems"	(September 2024 – February 2025)
<b>Dr. Samira Hossein Ghorban:</b> "Linear Algebra"	(September 2024 – February 2025)
<b>Dr. Mehran Rivadeh:</b> "Software Testing"	(June 2024 – September 2024)
<b>Dr. Mohammad Nazari:</b> "Web Programming"	(October 2023 – February 2024)
<b>Dr. Ali Sharifi:</b> "ENG Probability and Statistics"	(October 2022 – February 2023)
Volunteer Programming Course Assistant for new university students	(October 2022 – February 2023)

# Skills

---

Languages	<b>Persian</b> (Native), <b>English</b> (C1, TOEFL Score: 95 – R23, L28, S22, W22), <b>Arabic</b> (Intermediate)
Technical proficiencies	Python, Pytorch, Numpy, Scikit-learn, PDDL, Java, C, R, Go, React, JavaScript, CSS, HTML, Verilog, Android, Swift, Selenium, Linux, Git, Docker, L <sup>A</sup> T <sub>E</sub> X
Interests	Music, Biking, Reading

# Honors and Awards

---

Completed the <b>CITI Program</b> Group 2: SOCIAL/HUMANISTIC/BEHAVIORAL RE-SEARCH and obtained certification	2025
Completed the <b>Scrum Foundations</b> seminar as a volunteer and obtained certification	2023
Ranked 78 <sup>th</sup> among more than 155,000 participants in the national university entrance exam	2020