

# Stanford

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## Dorsa Sadigh

Associate Professor of Computer Science, of Electrical Engineering and Senior Fellow at the Stanford Institute for Human-Centered AI

### Bio

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#### ACADEMIC APPOINTMENTS

- Associate Professor, Computer Science
- Associate Professor, Electrical Engineering
- Senior Fellow, Institute for Human-Centered Artificial Intelligence (HAI)
- Member, Wu Tsai Human Performance Alliance
- Member, Wu Tsai Neurosciences Institute

#### PROGRAM AFFILIATIONS

- Stanford SystemX Alliance

### Teaching

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#### COURSES

##### 2024-25

- Artificial Intelligence: Principles and Techniques: CS 221 (Aut)
- Principles of Robot Autonomy II: AA 174B, AA 274B, CS 237B, EE 260B, ME 274B (Win)

##### 2023-24

- Artificial Intelligence: Principles and Techniques: CS 221 (Aut)
- Principles of Robot Autonomy II: AA 174B, AA 274B, CS 237B (Win)

##### 2022-23

- Artificial Intelligence: Principles and Techniques: CS 221 (Aut)
- Principles of Robot Autonomy II: AA 174B, AA 274B, CS 237B, EE 260B (Win)

##### 2021-22

- Algorithms for Interactive Robotics: CS 333 (Win)
- Artificial Intelligence: Principles and Techniques: CS 221 (Aut)
- Principles of Robot Autonomy II: AA 174B, AA 274B, CS 237B, EE 260B (Win)

#### STANFORD ADVISEES

##### Doctoral Dissertation Reader (AC)

Ian Huang, Zeyi Liu, Austin Patel

#### **Doctoral Dissertation Advisor (AC)**

Siddharth Karamcheti, Megha Srivastava

#### **Master's Program Advisor**

Sahil Adhawade, Harshvardhan Agarwal, Emil Biju, Lucas Bosman, Wenxiao Cai, Emma Cruz, Eric Feng, Cristian Galdeano, Amy Guan, Jeffrey Heo, Allison Jia, Alec Lessing, Olivia Loh, Ishikaa Lunawat, Kenneth Ma, Neil Nie, Nicole Tong, Vlad Vandalovsky, Jialiang Xu

#### **Doctoral Dissertation Co-Advisor (AC)**

Max Du, Tian Gao, Hong Jun Jeon, Satvik Sharma, Jonathan Yang, Sriram Yenamandra

#### **Doctoral (Program)**

Suneel Belkhale, Julia Costacurta, Perry Dong, Jensen Gao, Jennifer Grannen, Joey Hejna, Hengyuan Hu, Siddharth Karamcheti, Suvir Mirchandani, Priya Sundaesan, Amber Xie

## **Publications**

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### **PUBLICATIONS**

- **Verifying Robustness of Human-Aware Autonomous Cars**

Sadigh, D., Sastry, S., Seshia, S. A.  
ELSEVIER SCIENCE BV.2019: 131–38

- **Planning for cars that coordinate with people: leveraging effects on human actions for planning and active information gathering over human internal state**

Sadigh, D., Landolfi, N., Sastry, S. S., Seshia, S. A., Dragan, A. D.  
SPRINGER.2018: 1405–26

- **Multi-Agent Generative Adversarial Imitation Learning**

Song, J., Ren, H., Sadigh, D., Ermon, S., Bengio, S., Wallach, H., Larochelle, H., Grauman, K., CesaBianchi, N., Garnett, R.  
NEURAL INFORMATION PROCESSING SYSTEMS (NIPS).2018

- **Maximizing Road Capacity Using Cars that Influence People**

Lazar, D. A., Chandrasekher, K., Pedarsani, R., Sadigh, D., IEEE  
IEEE.2018: 1801–8