

# Darshan Gadginmath

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## EDUCATION

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<b>University of California Riverside</b> Ph.D. in <i>Mechanical Engineering</i>	2020 - present Riverside, CA
<b>Visvesaraya Technological University</b> Bachelor of Engineering in <i>Electrical and Electronics Engineering</i>	2014 - 2018 Bengaluru, India

## EXPERIENCE

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<b>Graduate Student Researcher</b> <i>University of California, Riverside</i> Research on data-driven control and security of dynamical systems (PI: Prof. Fabio Pasqualetti).	Oct 2020 - present Riverside, CA
<b>Teaching Assistant</b> <i>University of California, Riverside</i>	Jan 2022 - March 2022 Riverside, CA
<b>Research Assistant</b> <i>Indian Institute of Science</i> Research on autonomous navigation at unsignalized intersections (PI: Prof. Pavankumar Tallapragada).	Jun 2018 - Aug 2020 Bengaluru, India

## HONOURS AND AWARDS

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<b>Dean's Distinguished Fellowship:</b> PhD in Mechanical Engineering	2020-2025
<b>Graduate Student Conference Travel Grant:</b> ACC, CDC	2022-2024

## PUBLICATIONS

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### Journal articles

### Conference proceedings

## TALKS

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<b>Denoising Diffusion Models for Nonlinear Control</b> <i>Southern California Control Workshop</i>	UCLA, Los Angeles April, 2024
<b>Direct vs Indirect Methods for Behavior-based Attack Detection</b> <i>61st Conference on Decision and Control</i>	Cancun, Mexico Dec, 2022
<b>Data-guided Distributed Intersection Management</b> <i>American Control Conference</i>	Atlanta, GA June, 2022

# PROFESSIONAL SERVICE

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## **Reviewer**

- *Conference on Decision and Control*
- *American Control Conference*
- *Learning for Decision and Control Conference*
- *IEEE Transactions on Intelligent Vehicles*
- *IEEE Transactions on Intelligent Transportation Systems*
- *IEEE Transactions on Control of Network Systems*
- *IEEE Transactions on Automatic Control*
- *Automatica*

## **Affiliations**

- *IEEE Student Member*
- *IEEE Control Systems Society*