

## PhD Position in Robotics University at Buffalo

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Posted Sep. 18, 2020, set to expire Jan. 18, 2021

<b>Job Title</b>	PhD Position in Robotics
<b>Department</b>	Mechanical and Aerospace Engineering <a href="http://engineering.buffalo.edu/mechanical-aerospace.html">http://engineering.buffalo.edu/mechanical-aerospace.html</a>
<b>Institution</b>	University at Buffalo Buffalo, New York
<b>Date Posted</b>	Sep. 18, 2020
<b>Application Deadline</b>	ASAP
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Robotics Mechatronics Mechanical Engineering Aerospace/Aeronautical/Astronautics
<b>Job Website</b>	<a href="http://zh.eng.buffalo.edu/Openings">http://zh.eng.buffalo.edu/Openings</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

The Control & Automation Lab (CALab, <http://zh.eng.buffalo.edu>) at University at Buffalo invites applications for multiple fully funded Ph.D. positions in robotics. The starting time is Spring 2021 (preferred) or Fall 2021.

The selected candidates will work on deep learning, trajectory planning and generation, intelligent and optimal control, and human-robot collaboration for various robotic systems including drones, collaborative robots, and connected vehicles, with applications on disaster resilience, manufacturing, and intelligent transportation systems.

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The candidates are expected to have a background in one or more of the following disciplines: dynamics and control, robotics, mechatronics, optimization, and machine learning. Proficiency of English is required. Experiences in MATLAB, Python, ROS, and conference/journal publications are desired but not required.

Interested applicants are encouraged to send their detailed CV, representative publications or writing samples (if any), transcripts, GRE/TOEFL scores, and a cover letter stating why they are interested in this opportunity to Prof. Zheng: [mhzheng@buffalo.edu](mailto:mhzheng@buffalo.edu).

### Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact**      Minghui Zheng  
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University at Buffalo  
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