

PhD Students
University at Buffalo, The State University of New York

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Posted Jan. 3, 2025, set to expire May 4, 2025

Job Title	PhD Students
Department	Mechanical and Aerospace Engineering
Institution	University at Buffalo, The State University of New York Buffalo, New York
Date Posted	Jan. 3, 2025
Application Deadline	Open until filled
Position Start Date	Spring/Fall 2025
Job Categories	Graduate Student
Academic Field(s)	Mechanical Engineering Robotics
Job Website	https://www.acsu.buffalo.edu/~chaozheh/
Apply Online Here	https://engineering.buffalo.edu/mechanical-aerospace/graduate/graduate-programs/doctoral.html
Apply By Email	
Job Description	

Safe and Efficient Autonomous Systems (SEAS) Lab directed by Prof. Chaozhe He (<https://www.acsu.buffalo.edu/~chaozheh/>) with the Department of Mechanical and Aerospace Engineering at the University at Buffalo invites applications for multiple fully funded Ph.D. positions in AI/robotics/CAV starting in Spring and Fall 2025.

The successful candidates will work on applying deep learning, motion planning & control, combining with nonlinear and optimal control to design and implement intelligent algorithms for robot manipulators and connected automated vehicles.

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The candidates are expected to have a background in one or more of the following disciplines: dynamics and control, robotics, machine learning, motion planning, and trajectory optimization. Proficiency in English is required. Programming experiences in Python and Matlab are preferred. Conference/journal publications are desired but not required.

Perspective students, please send an email to Prof. Chaozhe He at chaozheh@buffalo.edu with the subject “[Inquiry on PhD positions]” and attach your detailed CV, representative publications, or writing samples (if any), transcripts, GRE & TOEFL score, and a brief statement of interest. You will be contacted if there is a good match.

Please note that the PhD program with the UB MAE department is rolling-based, and the prospective student may apply and be admitted throughout the year.

EEO/AA Policy

The University at Buffalo is committed to ensuring equal employment, educational opportunity, and equal access to services, programs, and activities without regard to an individual's race, color, national origin, sex, religion, age, disability, gender, pregnancy, gender identity, gender expression, sexual orientation, predisposing genetic characteristics, marital status, familial status, veteran status, military status, domestic violence victim status, or criminal conviction status.

Contact Information

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

Contact Chaozhe He
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University at Buffalo, the State University of New York
Buffalo, NY 14260

Phone Number 7166451432



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Contact E-mail chaozheh@buffalo.edu