

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

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Posted Jan. 15, 2024, set to expire May 15, 2024

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. 15, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Graduate Student
Academic Field(s)	Robotics Mechanical Engineering

Apply By Email

Job Description

Prof. Chaozhe He's Lab (<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 Fall 2024.

The successful candidates will work on applying deep learning, motion planning, and control combined with nonlinear and optimal control to build smart interactive agents in virtual reality, and design and implement intelligent algorithms for ground robots and connected and automated vehicles.

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.

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Proficiency in English is required. Programming experiences in MATLAB and Python are preferred. 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, TOFEL/IELTS score, and a brief statement of interest to Prof. He: chaozheh@buffalo.edu. Please note that the doctoral program with UB MAE department is rolling based and the perspective 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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