

# Daming Xing

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Dear Hiring Team,

I am writing to express my interest in the A role at A. Currently, I am pursuing my Master of Science in Mechanical Engineering (Robotics & Control Track) at Columbia University. Before joining Columbia, I worked as an Automation Engineer at Stanley Black & Decker's Industry 4.0 team. I believe my education and previous work experiences in Robotics are an excellent match with the responsibilities outlined in the job description.

Prior to joining Stanley Black & Decker, I was heavily involved in robotics research at Trinity College (Hartford, CT). My research paper, titled 'An Intelligent Sensor-Driven Skydive Tracking System', presented a near-real-time error-correction and sensor consolidation method for skydive tracking systems to prevent aviation mishaps and fatalities. After graduating with a BS degree in Engineering from Trinity College, I worked as an Automation Engineer at Stanley Black & Decker's Industry 4.0 team for almost 3 years, working on advanced automation and robotics technologies. Being the Subject-Matter Expert (SME) in Autonomous Mobile Robot (AMR) at Stanley Black & Decker, I established an ecosystem for AMR projects from the discovery to the deployment stage, slashing time to deploy by 67%+.

My experience at Columbia University and Stanley Black & Decker has prepared me to contribute to the Robotics team at A immediately. I would be grateful for the opportunity to speak with you regarding the A. Please feel free to contact me if any additional information I could provide would assist you in evaluating my application.

Sincerely,

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