

# ANDI ZHOU

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Dear Ms. Ebonie Ayers,

Thank you so much for reaching out and introducing me to Gecko Robotics! After your initial message, I did a deep dive on Gecko and found its mission to be not only fascinating but well-rooted and extremely relevant to today's world's aging infrastructure. I am submitting my application today to express my sincere interest in the new graduate position as a Test & Reliability engineer!

While my experience and educational background may seem unconventional for a robotic engineer, the principles and mathematical relations that pave the engineering foundation remain universal regardless of industries. I am convinced that the rigorous, fast-paced, testing acumen I developed in the automotive realm will serve as a valuable asset in robotic testing and reliability assessments.

My internships at companies like Zoox, Solar Ship, and Volvo Truck were examples where my passion for testing manifested itself in tangible results. At Zoox, using a combination of hands-on manufacturing, electrical harness assembly and testing automation, I took charge of a coolant test rig that had been stagnating for the past 2 years and completed it within 9 weeks. In addition, I also made design recommendations to the cooling system schematic based on testing data that improved the system flowrate by 7.5%. My internship ended with my manager highlighting that I had generated more data in those 9 weeks than the project had in the previous 2 years.

Robotic inspection, in my opinion, is a rather underappreciated sector within the field of robotics engineering. While the spotlight often shines on more consumer-oriented robotic applications, Gecko focuses on the foundational infrastructure that our modern society so dearly relies on. My internship experience at Zoox has taught me the immense potential of autonomy. As humanity inches towards the third industrial revolution in artificial intelligence, it is only natural that we leverage the immense power of AI to inspect and maintain our infrastructure that dates back almost a century. I am eager to join Gecko Robotics on this journey that transforms the underlying foundation of our society.

Thank you for your consideration and looking forward to hearing back from the team!

Sincerely,

Andi Zhou