



As a senior lecturer at UNSW specialising in mechatronics, I've had the privilege of witnessing firsthand the profound impact that collaboration with industry leaders like Omron can have on our students and researchers.

Our collaboration with Omron originated from an event hosted by UNSW. Recognising a mutual interest in advancing the field of mechatronics, we quickly established a strong relationship that has flourished over the past two years. This collaboration has been instrumental in bridging the gap between academia and industry in the field of robotics and mechatronics.

Our primary objective in collaborating with Omron was to provide our students and researchers with hands-on, real-world experience in the application of robotics and mechatronics. This is crucial for our students, as mechatronics is a discipline that thrives on practical, applied knowledge. By connecting our students and researchers with industry professionals, we aimed to inspire their career development and provide them with valuable insights into the industry.

The impact of this collaboration has been significant for both UNSW and Omron. For UNSW, it has strengthened our position as a leader in engineering education and research. Our students have benefitted greatly from exposure to real-world applications of their studies, and our researchers have had the opportunity to explore potential collaborations with Omron on innovative projects.

In my opinion, the key factors that contributed to the success of this collaboration were mutual interest, open communication, and a shared commitment to advancing the field of robotics and mechatronics. By working together, we were able to create meaningful experiences for our students and researchers, paving the way for future collaborations and advancements in the field.

Looking ahead, I believe that hands-on experience in robotics and automation will continue to be crucial for our students to become industry-ready. With cobots and AMRs gaining exponential traction, it's essential that our curriculums adapt to support our students in acquiring the necessary skills and knowledge to thrive in this rapidly evolving field.

The collaboration between UNSW and Omron has been immensely valuable for all parties involved. It has provided our students and researchers with invaluable experiences and insights, setting them on a path towards successful careers in robotics and mechatronics.

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