

## MY VISION

Technology's influence on our world today is undeniable. Over time, I've always been driven by the question: how much further can we use its power for the good, and not end up doing unintentional harm? This has been my driving force as a researcher and inventor, influencing my projects and the type of impact I hope to make. To me, technology is not merely about faster computers or more intelligent machines—it is about responsibility, imagination, and the quest for solutions that enhance lives while upholding the values that make us human.

My passion for research began with the realization that the most pressing challenges of our time cannot be solved in isolation. Networking, cybersecurity, and intelligent systems are no longer siloed domains—they converge in ways that impact healthcare, transportation, industry, and even our lives. I have only learned more through my research experiences. I observed firsthand the need for flexibility in securing multivarious ecosystems while developing **a domain-aware intrusion detection system for the Internet of Everything**. And while developing **camouflaged object detection under noisy environments**, I understood the importance of resilience in actual systems. Even though these projects solved highly dissimilar issues, both taught me the same lesson: innovation must balance adaptability and robustness to make a lasting impact.

These experiences fuel my vision to become a groundbreaking researcher at the crossroads of networking and interdisciplinary technologies. I aspire to lead projects beyond academic benchmarks and translate them into practical solutions—systems that can secure global digital ecosystems, enhance connectivity, and withstand the imperfections of real-world conditions. My long-term goal is to establish or join an interdisciplinary research institute where experts from diverse fields come together to create technologies for social good. In such a space, I view myself not only as a contributor of ideas but also as a leader who builds bridges between disciplines, ensuring that research moves from theory to deployment and deployment to impact.

Yet, my vision extends beyond academia and career goals. I understand that leadership also comes from how we serve others. I plan to contribute to society, especially the underprivileged or marginalized. Whether in the form of mentorship initiatives that persuade youth students to follow a path of technology, projects offering digital tools for education, or charity-based local projects that equip people with the ability to better their lives, I would like to have my efforts benefit people directly. Innovation is as much about human potential as it is about improving systems. Combining my experience with a spirit of service, I aspire to bring hope, create possibility, and ensure that progress benefits not only a few but many.