Foreword

Dear Readers, Contributors, and Colleagues,

It is with immense pride and a profound sense of responsibility that I present to you the inaugural issue of the Journal of Artificial Intelligence and Computing Applications (JAICA). As the Editor-in-Chief, I am honored to embark on this journey, one that promises to chart new territories in the confluence of artificial intelligence and practical computing applications.

Founded under the auspices of Maikron, a visionary non-profit civil association (Association for the Advancement of Intelligent Applications and Technologies with Social Impact), JAICA aspires to be more than just a repository of scholarly articles. Our mission is to foster a vibrant community of scholars, practitioners, and enthusiasts who are united by a shared passion for the transformative power of AI and computing. We are dedicated to nurturing a diverse intellectual environment that welcomes a wide spectrum of contributions, from groundbreaking research to innovative software and hardware developments.

This first issue symbolizes the beginning of an exciting adventure, one that seeks to challenge the conventional boundaries of scientific publishing. By including categories such as Short Narrative Reviews, Applied AI Exploration Papers, and the Math for AI Capsules, as well as the more conventional Original Research Articles, we aim to offer a platform that accommodates the vast spectrum of intellectual curiosity and scholarly rigor within our community. Our inaugural issue features three insightful Short Narrative Reviews and one Math for AI Capsule, personally authored by me to exemplify the spirit of this section. Each piece has been carefully selected to represent the breadth and depth of research that JAICA strives to showcase.

Our vision for JAICA is ambitious. We aim to become a trustworthy source of not just groundbreaking research but also of thought-provoking articles that might not find a home in more traditional journals. This commitment to inclusivity and innovation is underscored by our rigorous, yet supportive, peer review process,

ensuring that every article we publish meets the highest standards of academic excellence.

In this issue, we delve into the multifaceted challenges of network security in smart cities, explore the therapeutic potential of custom-made video games for mental health, investigate the role of video games in vocabulary acquisition, and introduce a novel vector similarity measure for AI applications. Each article contributes to the rich tapestry of knowledge that JAICA aims to weave.

I would like to extend my heartfelt gratitude to our editorial team, the diligent reviewers, our dedicated technical staff, including members of the AAAIMX student chapter, our editorial sponsor Maikron, and, most importantly, our pioneering authors. Your collective efforts have brought JAICA from concept to reality.

As we look to the future, I am filled with optimism. I envision JAICA as a beacon of knowledge and innovation, guiding researchers around the globe. This is just the beginning of what I hope will be a fruitful and impactful journey.

Welcome to the inaugural issue of JAICA. Together, let's shape the future of technology.

Warmest regards,

Mauricio G. Orozco-del-Castillo

Editor-in-Chief

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