

Augustin Vittorio Charles MORIEUX



Augustin Vittorio Charles MORIEUX, also known as *Zoldic* within artificial intelligence (AI) communities, is a young French scientist and designer of what he calls **Prestigious Systems**.

His work spans visual arts, life-sustaining bionics, and educational platforms, all guided by a common thread: *Elevate human experience by reaching the essence, where true meets good*. It is unique in the way it merges AI, cognitive science, and design to reach this essence.

In his view, Prestigious Systems embody the top of rigorous thinking and aesthetic precision in the pursuit of elevating human experience. *Joint **rigor** and **aesthetics** may arise across all domains – whether in the arts, sciences, engineering, or even strategy – which have been over separated after the Renaissance era. Shouldn't aesthetics be the ultimate judge in the arts of course, and also in science – favoring the most “elegant” theorem in math whenever we have a choice? Isn't this elegance also the true safeguard against all the misleading choices – in technology and practices – that cause superfluous costs and waste, thus limiting access to health and education?*

Revealing Basquiat's Interiority

At the age of 20, he advanced the state of art by generating new paintings “by” American artist Jean-Michel Basquiat (1960-1988) from the relatively small dataset of his original works. Much more technically demanding (in AI terms: he had to develop a Generative Adversarial Network and add reflexes to reduce the need for data, but without interfering with deep learning), yet also much more insightful than previous realizations that used thousands of works produced by many different artists. This work was exposed in multiple presentations on advanced cognitive modeling in AI (also known as JEPA).



Detail of earlier generation as algorithm was learning. Latest generation upon request.

Bioengineering a Prosthesis Coherent with the Human Muscular System

By coupling AI with the neural network of the forearm – drawing on homomorphism and biomimicry – he created one of the first and lowest-cost prostheses allowing to move independently the fingers of a hand and to modulate the intensity of a movement.

Fighting Loss of Balance in Physically Healthy Individuals Through Cognitive Modelling

In collaboration with Prof JP Farcy, former professor at Columbia University College of Physicians and Surgeons.

Establishing Cognitive AI-based Optimization Ecosystems

As the founder and leader of several research and support groups, helping educational institutions as well as businesses in their efforts to synergistically develop AI and their human capital.

Augustin studied at Ecole Supérieure d'Informatique, Electronique, Automatique (ESIEA, Paris), Heriot-Watt University in Edinburgh, the Royal Technology University of Thailand (KMUTT), the School of Knowledge Economy and Management (SKEMA, Paris) and hold certifications in cognitive science from Duke University and the University of Edinburgh. He completed his secondary education at Rochambeau in Washington, DC, after earlier schooling in Mumbai and Paris. He is now based in Venice, Italy.