



## David Aguilar

### FUTURIST · INFLUENCER

David Aguilar is an inventor and bioengineering graduate who designs and builds functional LEGO® prosthetic arm prototypes and speaks about innovation, resilience, and applied engineering.

- Inventor known for developing and building LEGO® Technic-based prosthetic arm prototypes.
- Born with Poland syndrome affecting the development of his right forearm.
- Holds a Guinness World Records title for creating the first functional LEGO® prosthetic arm.
- Studied bioengineering at Universitat Internacional de Catalunya (UIC Barcelona).
- Received UIC's bioengineering innovation recognition.
- Featured by Guinness World Records and Great Big Story (CNN).

### David Aguilar's 2026 Biography

#### Key speaking topics

- Assistive technology innovation
- Prosthetic design and development
- Bioengineering applications
- Creative problem-solving through engineering
- Resilience and overcoming physical challenges
- Youth innovation and invention

#### Ideal for

- Healthcare and medical technology conferences
- Engineering and STEM-focused events
- Innovation and product development forums
- Education and university audiences

#### Audience outcomes

- Insight into the practical development of assistive technology prototypes
- Understanding of how engineering principles can be applied to real-world challenges
- Greater awareness of user-led innovation in prosthetics
- Perspective on resilience in the context of scientific and technical work

#### AVAILABLE FOR

- After Dinner Engagement
- Guest Appearance
- Influencer Campaign
- Panel Participation
- Speaking
- Training and Workshops

#### DAVID'S SPEAKING THEMES

- Creativity
- Future of Technology
- Health & Wellbeing
- Innovation & Disruption
- Motivation and Inspiration

#### LANGUAGES: English

## Why organisations work with David Aguilar

- Brings direct experience of designing and building functional assistive technology.
- Connects bioengineering study with practical invention.
- Recognised by an internationally verified record authority.
- Offers a case study in applied innovation relevant to healthcare, engineering, and technology audiences.

## Biography

David Aguilar is recognised internationally for developing functional LEGO® Technic-based prosthetic arm prototypes, demonstrating how practical engineering and creative design can intersect to address real-world challenges. His work has earned a Guinness World Records title for creating the first functional LEGO® prosthetic arm and has been featured by major global platforms including Guinness World Records and Great Big Story (CNN).

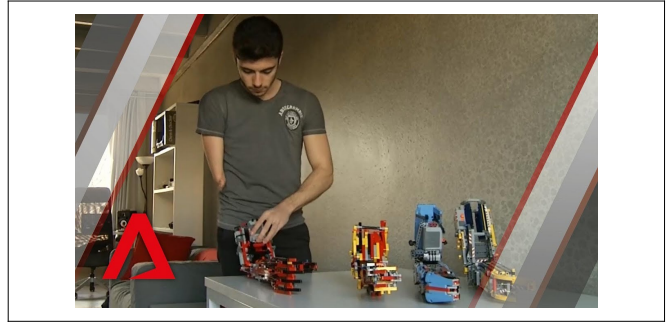
With an academic background in bioengineering from Universitat Internacional de Catalunya (UIC Barcelona), Aguilar combines formal technical training with hands-on invention. He also received UIC's bioengineering innovation recognition, reflecting the academic credibility behind his applied work.

Born with Poland syndrome affecting the development of his right forearm, Aguilar has channelled personal experience into practical innovation. His progression of self-designed prosthetic prototypes illustrates the power of user-led design, iterative development, and accessible technology.

For organisations navigating innovation, engineering challenges, or inclusive technology development, Aguilar offers a clear case study in applied problem-solving. His work speaks directly to audiences in healthcare, technology, education, and research seeking tangible examples of creativity translated into functional outcomes.

## David Aguilar's Videos





## What David Aguilar's clients say

I would like to recommend David for his: - attitude - he is person who never give up - passion - he likes to change thinks rather than stay in the corner - role model approach - he is a great example for people with handicap - LEGO promotion - he shows that LEGO is not only toy and help us with our mission to 'inspire and develop builders of tomorrow'.

**Jan Závora**  
*HR Director*