

Chef Robotics launches AI-powered food robot

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Chef Robotics is launching a first-of-its-kind AI-powered flexible food robot made to help food companies overcome the global food labour shortage and increase production volume.

AI will have an immense impact on our world as the rise of foundational models like ChatGPT has shown. But the greatest impact will be on the physical world in the form of Embodied AI through robotics, given the physical world represents 90 per cent of global GDP and the manual labour market accounts for half of all global GDP.

To solve this, Chef is leveraging mostly off-the-shelf hardware and combining it with modern advancements in AI to make it flexible enough to provide labour supply in the form of robotic automation to help food companies overcome their labour shortage. The robot operates using Chef's original food manipulation software, ChefOS.

Notably, unlike other food robotics startups, Chef's go-to-market is food manufacturing (not restaurants) where Chef can partially automate a food operation and thus add value in production to customers without requiring 100 per cent full autonomy from the get-go. This enables Chef engineers to train ChefOS on real-world data accumulated from robots deployed at customer production sites in 6 cities across North America. To date, Chef has already completed over 20 million servings in production.