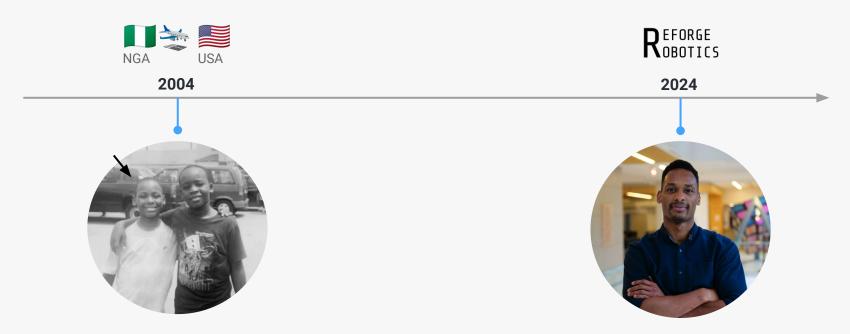
R REFORGE ROBOTICS

Software for manufacturing robots

NOSA EDOIMIOYA | SEPT 2024

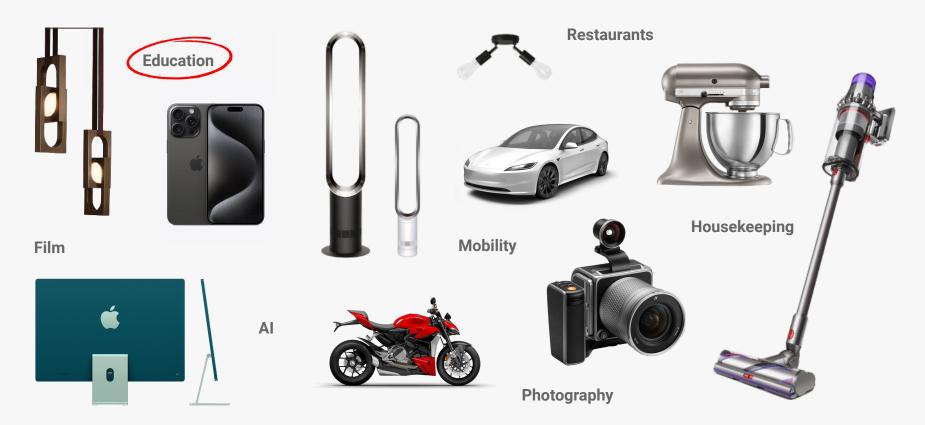
MAKING REFORGE ROBOTICS

Twenty years later, one brave decision led to another



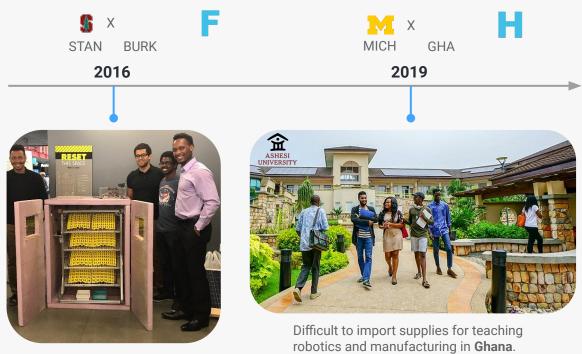
CONTEXT

Manufacturing creates wealth and opportunities



REFORGE'S MISSION – narratives

Expanding manufacturing access



Manufactured solar egg incubator in USA and shipped to **Burkina Faso**.

REFORGE'S MISSION - narratives

Expanding manufacturing access



Manufactured solar egg incubator in US and shipped to **Burkina Faso**.

Today, manufacturing in the US is **expensive** and **inefficient**.

PROBLEM

Machines are bulky, expensive, and hard to program

2500 cubic feet \$600K - 1M

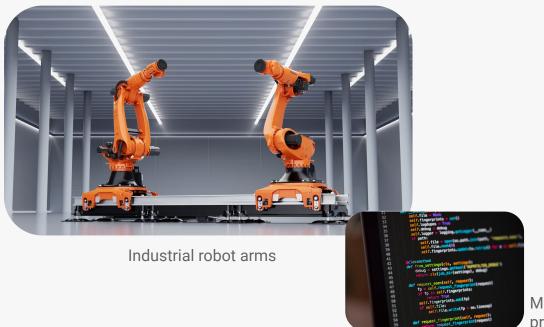


programming

SOLUTION

Use robots! (and make them more precise)

250 cubic feet (**10x less**) \$60K - 100K (**10x less**)



But robots vibrate when cutting metal

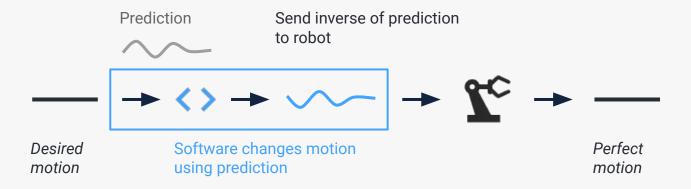


Less precise than CNCs

Modern script programming

SOLUTION – proprietary anti-vibration software

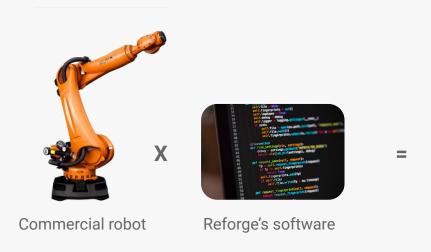
Remove vibration with software compensation



Manufacturers' requirements	Reforge's software
Custom manufacturing setup	✓ Scalable robot calibration for custom assemblies
Minimize vibration from cutting forces	✓ Eliminates up to 98% of robot vibration
Maintain high tolerance (accuracy)	✓ Leads to increased accuracy

PRODUCT & BUSINESS MODEL

Contract manufacturers buy robots with our software





Equivalent five-axis CNC ~2-7x lower cost ~10x more efficiency

MARKET

Large and growing – start in the USA and expand

Total Market Size

\$100B_(Global)

500,000 CNC machines sold annually 5.0% Compound Annual Growth Rate

Initial TAM

\$4.3B

18,000 manufacturers 2 robots / manufacturer (avg.)

Lease robot \$100k / year (purchase: \$350k / robot)

+ software subscription: \$20k / robot / year

PARTNER WITH US

Status – executing MVP and customer pilots **Funding** – pre-seed; raising seed in mid-2025 **Ask** – introductions to customers & investors





Nosa Edoimioya
Founder & CEO
Prev: Robotics @
Stanford & Michigan



Kaveh Berenji Founding Engineer Prev: Robotic machining @ Georgia Tech



Evan Beard Advisor Founder & CEO @ Standard Bots