

# Will Yergin

**Mechanical Engineer | Product Designer**

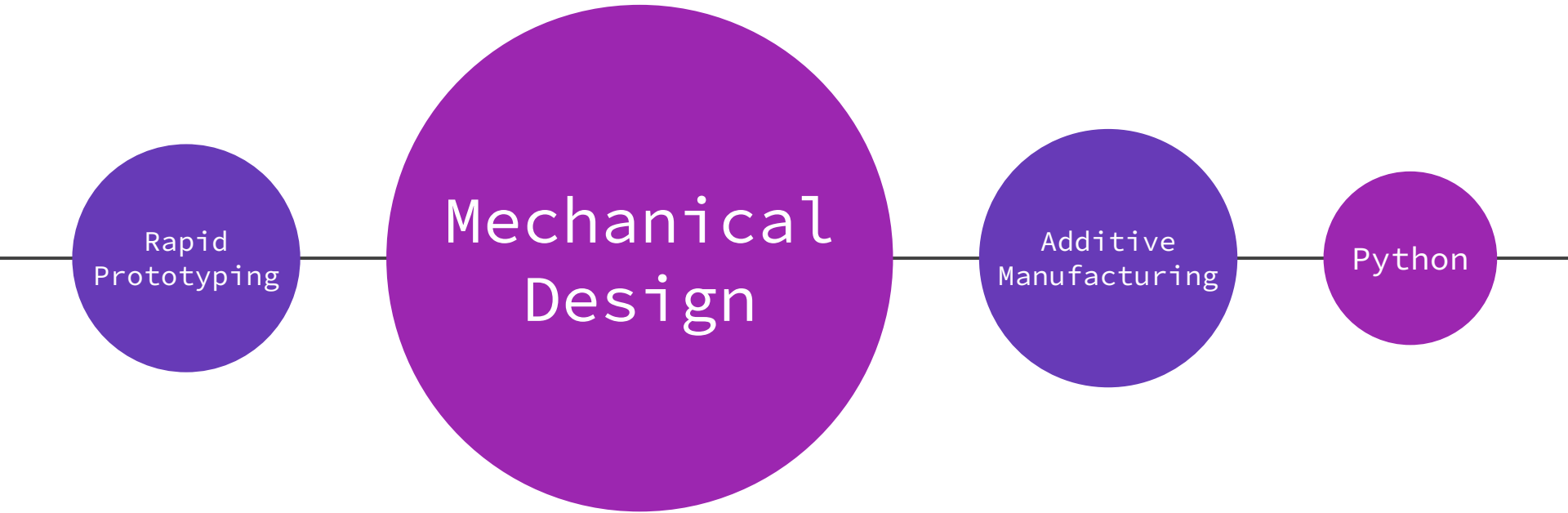
# About me

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I'm passionate about building great products that make people's lives easier. I have over 4 years of experience taking products from 0 to 1 in startup and Fortune 10 environments. What sets me apart is my ability to blend hands-on engineering problem-solving with product strategy. I move quickly from prototype to pilot, while working directly with the business to keep the impact front and center.

I'm also an avid rock climber and skier!

# Skills & expertise



# Portfolio samples

# Project Gulfstream

Automated, Multisignal  
Checkout Stand

Starting from a humble, hand built wooden skeleton to a fully operational, sleek, stainless steel hero, Project Gulfstream streamlined the checkout experience in Walmart stores.

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Left: Gulfstream v0, Right: Gulfstream v1



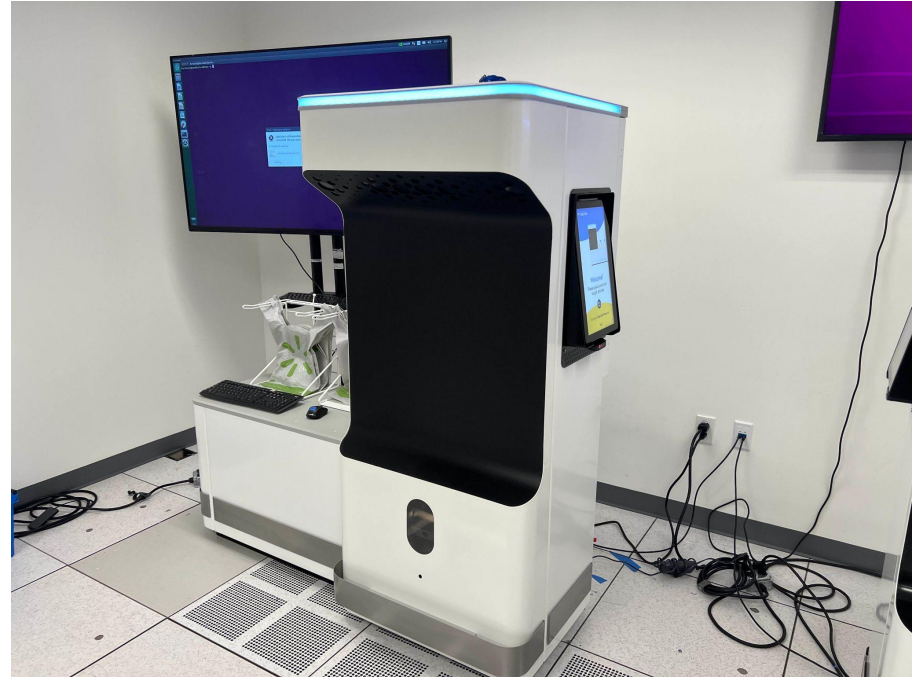
Left: Gulfstream v2, Right: Gulfstream v3



# Project Hardtail: Multisignal Receipt Checker

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Project Hardtail followed Project Gulfstream as a logical successor. In smaller stores with smaller basket sizes, scan and go customers reigned supreme. Hardtail validated a customer's digital basket with a suite of sensing equipment to get them out the door fast, or stopped them in their tracks if unrecognized items made it into their basket.

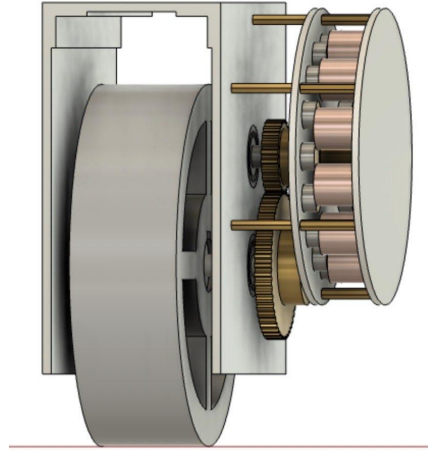


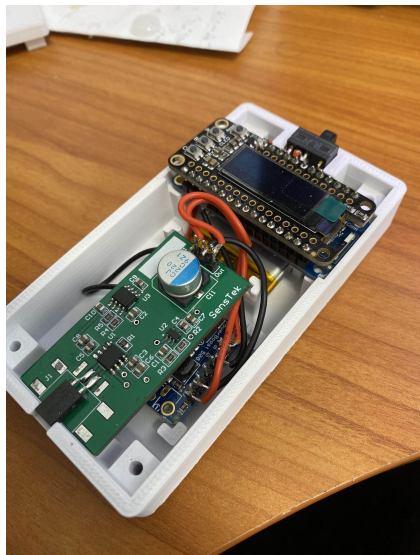


# Project Lightfoot

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Self-powering cart wheel, developed with a low-friction gearbox, 3-phase permanent magnet alternator, and AC to DC rectifier with a 15W buck converter to provide consistent power to a battery. This battery powered a phone for Walmart associates to scan items during scan and go tasks.

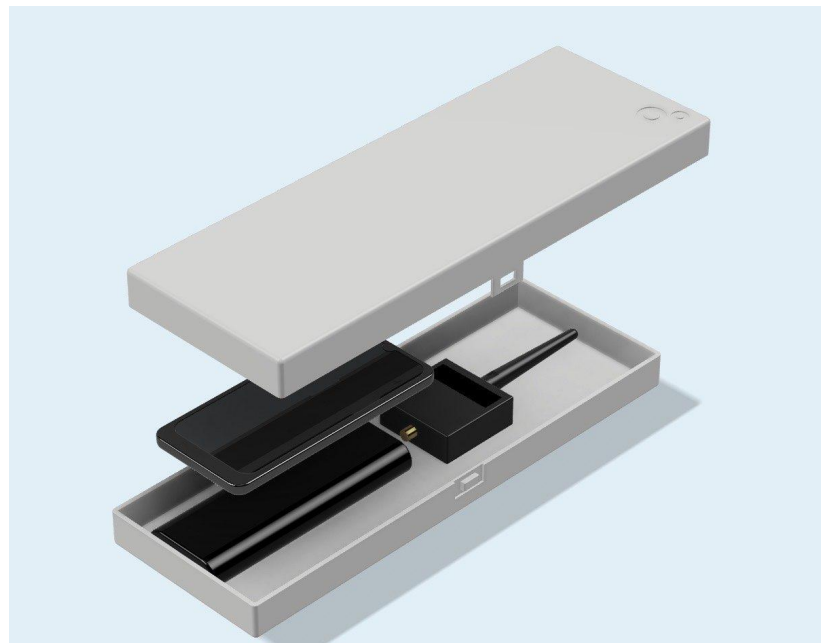




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## Project SensTek

Creating 3D Printed housings for SensTek's pH sensing equipment and sensors.



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## Project MDK

Mobile Development Kit (MDK) attached to stocking carts with a bluetooth sensor to find tags in stores.

# Career highlights

## **Staff Product Design Eng.**

Walmart Inc, San Bruno CA

March 2023 – April 2025

## **Robotics Lead, Walmart Acc.**

Wiliot, San Diego CA

November 2022 – March 2023

## **Senior Product Design Eng.**

Walmart Inc, San Bruno CA

June 2022 – November 2022

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# 2x US Patent Holder

*Project Gulfstream*

*USD1051647S1, Checkout Station*

*USD1047548S1, Checkout Station*

# Contact

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