

Will Yergin

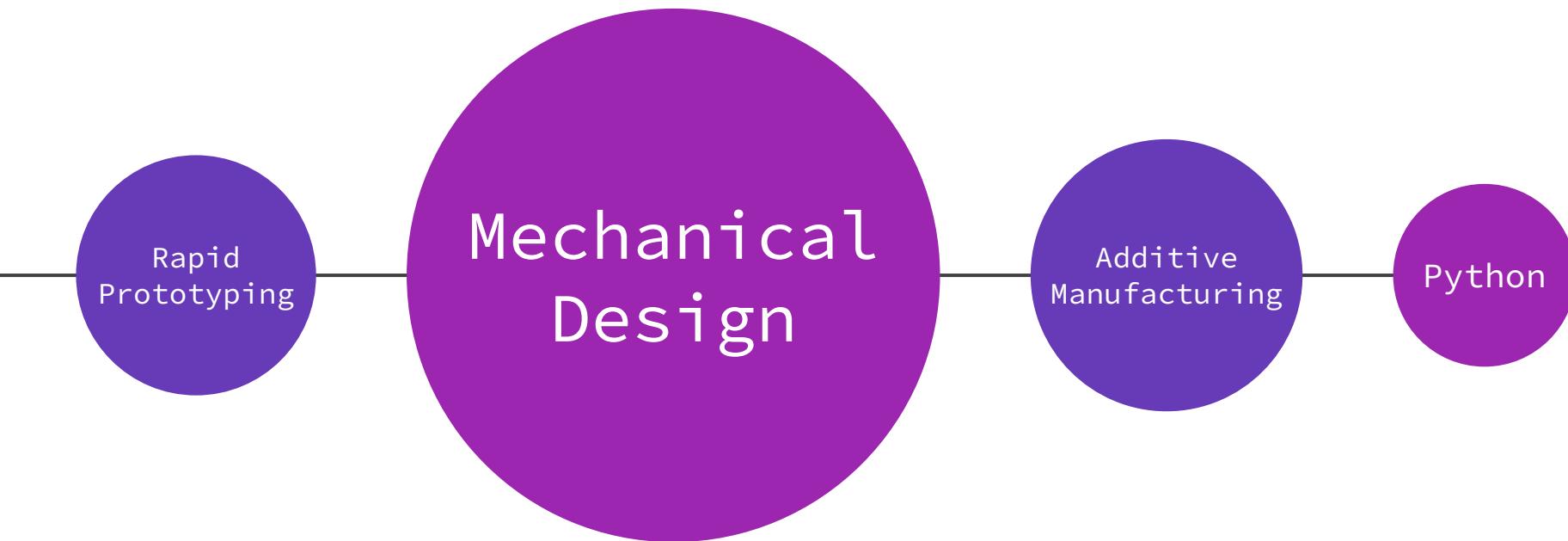
Mechanical Engineer | Product Designer

About me

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

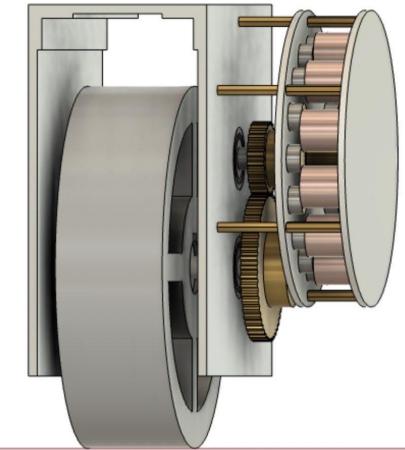
Project Hardtail: Multisignal Receipt Checker

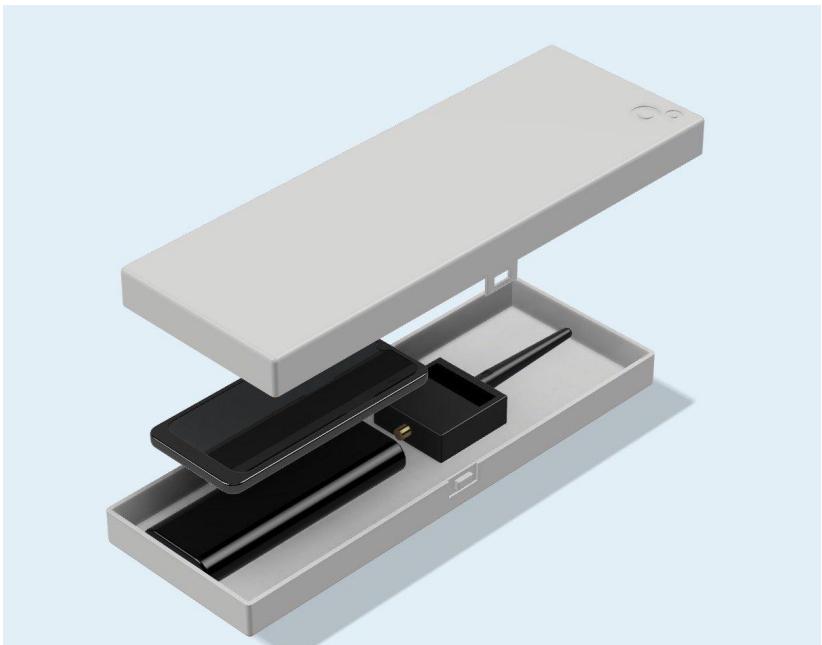
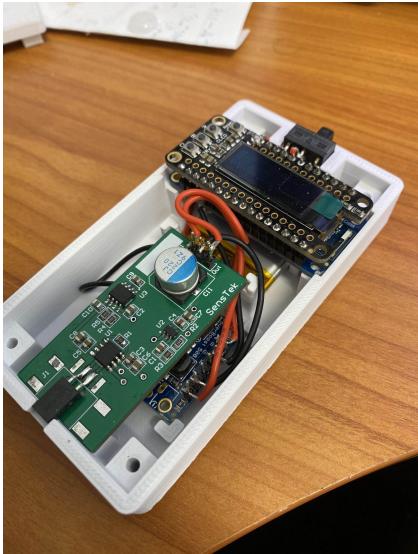
Project Hardtail followed Project Gulfstream as a logical successor. In smaller stores with smaller basket sizes, scan and go customers reigned supreme. Hardtail validated a customer's digital basket with a suite of sensing equipment to get them out the door fast, or stopped them in their tracks if unrecognized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



Project Lightfoot

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.





Project SensTek

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

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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