

Sebastián Boloña.

Industrial Designer

Industrial designer in Chicago with 7 years of experience across power tools, product design, branding and UX/UI — from analog sketches through 3D modeling, rendering and CMF documentation for manufacturing. One of the lead industrial designers on RIDGID's NEXT benchtop and stationary line at Delta Power Equipment.

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EXPERIENCE

Jun 2026 – Present **Designer & Technical Product Documentation**
Milescraft, Inc.

Jan 2024 – Aug 2025 **Industrial Product Designer**
Cloud Accel

Jun 2022 – Jan 2024 **Industrial Designer II**
Awaken Koala

Aug 2020 – May 2022 **Lead Industrial Designer**
Delta Power Equipment Corp.

May 2019 – May 2020 **Industrial Design Intern**
Techtronic Industries (TTI)

2015 – 2019 **B.S. Industrial & Product Design**
The Ohio State University

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Benchtop/Stationary Equipment

RIDGID's NEXT benchtop and stationary power-tool line at Delta Power Equipment — taken from concept sketches to final production units.

ROLE	Lead Industrial Designer
TIMELINE	2020–2022
COMPANY	Delta Power Equipment
BRAND	RIDGID — NEXT line
TOOLS	Sketching, SolidWorks, KeyShot
DISCIPLINE	Benchtop & stationary power tools
OUTCOME	In production



CURRENT DESIGN LANGUAGE



Current design language — large chamfered edges, glorified structure,...

MITER SAW



Miter saw — fastening features and color placement

NON-SLIDING 10 in.



Non-sliding 10 in. — side views

TTI Design Internship: Ryobi, RIDGID, Black Max & Hart

A year on Techtronic Industries' design team across Ryobi, RIDGID, Black Max and Hart — with production rubber feet that shipped on two Ryobi products.

ROLE	Industrial Design Intern
TIMELINE	May 2019 – May 2020
COMPANY	Techtronic Industries (TTI)
LOCATION	Anderson, SC
BRANDS	Ryobi, RIDGID, Black Max, Hart
TOOLS	Sketching, Photoshop & Illustrator, SolidWorks, KeyShot
DISCIPLINE	Power tools & outdoor equipment
OUTCOME	Rubber feet in production

FULL CASE STUDY →
[SEBASTIANBOLONA.COM/WORK/TTI-DESIGN-INTERNSHIP/](https://sebastianbolona.com/work/tti-design-internship/)



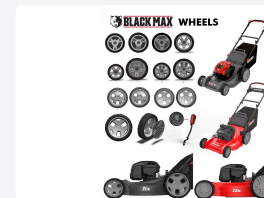
MY 2019 CONCEPT RENDERING — HELPED INSPIRE THE RYOBI PBLTS01B



Board detail — the same rendering on my internship board, with component studies



Ryobi 6 in. benchtop jointer



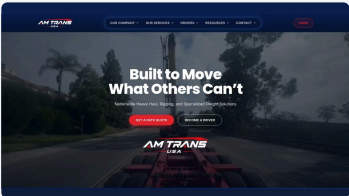
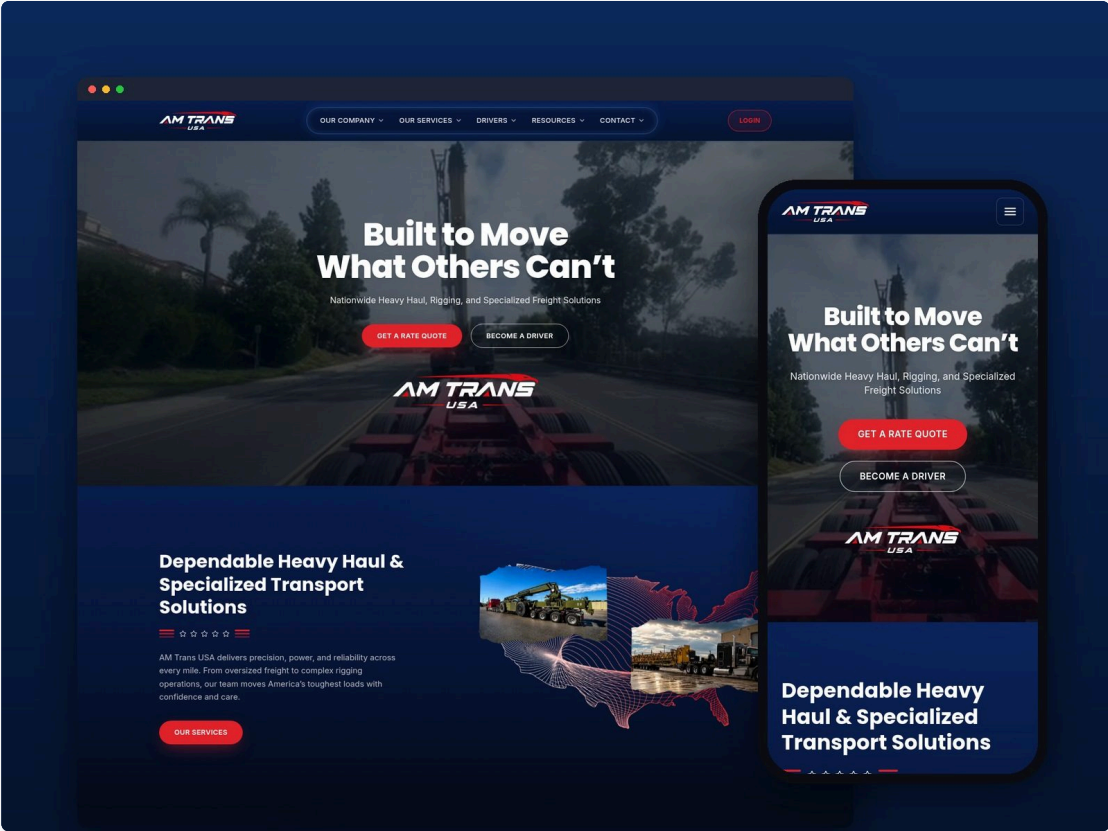
Black Max — wheel designs

AM Trans USA Website

Brand identity, website design and build for AM Trans USA, a nationwide heavy-haul, rigging and specialized freight carrier. The site is built around two jobs: rate quotes for shippers and applications from drivers.

ROLE	Web designer & developer · brand identity
CLIENT	AM Trans USA
CONTEXT	Freelance, for a repeat client
TIMELINE	2026
TOOLS	Next.js
PAGES	Home, Request a Quote, Driver application, News
OUTCOME	Live at amtransusa.com

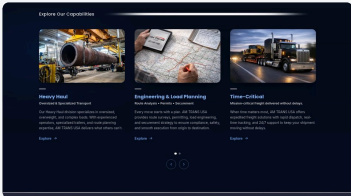
FULL CASE STUDY →
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Home — video hero with quote and driver calls to action



Logo — primary lockup and stacked mark

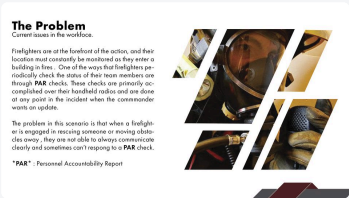


Home — Explore Our Capabilities carousel

C-THRU

A firefighter respirator mask concept for Polycom that combines a voice amplifier, an in-screen display, an LED light and GPS-linked team alerts.

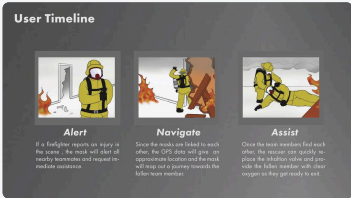
ROLE	Industrial Designer
TIMELINE	2019
CONTEXT	Ohio State class project · concept for Polycom
TOOLS	Hand sketching
DISCIPLINE	Safety equipment
OUTCOME	Concept — sketches and render



The problem — PAR checks over handheld radios

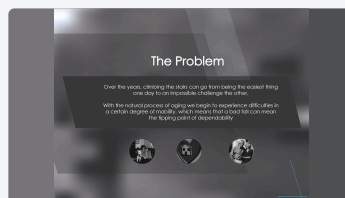


Ideation — straps and feature placement

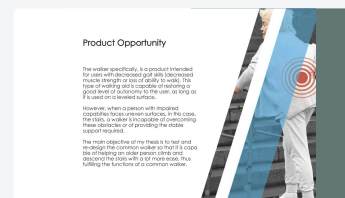


User timeline — alert, navigate, assist

ROLE	Industrial Designer
TIMELINE	2019
CONTEXT	Senior thesis · The Ohio State University
PROCESS	Sketching, mechanism design, working prototype, scale model
DISCIPLINE	Health & mobility
OUTCOME	Working prototype, tested on stairs



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Product opportunity



The concept — going down, normal walker, going up

Sensa Flex

A snap-on wrist wearable that turns the Sensa microneedle health patch into a band without bulk, tight straps or weight.

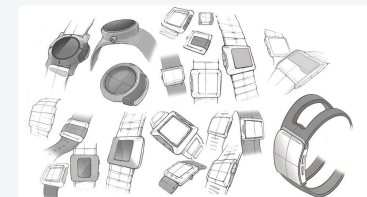
ROLE	Industrial Designer
TIMELINE	2018
CONTEXT	Ohio State class project
PROCESS	Sketching, concept development
DISCIPLINE	Wearables
OUTCOME	Concept



Origins — system, patch, AI



Problem — patch application and microneedles

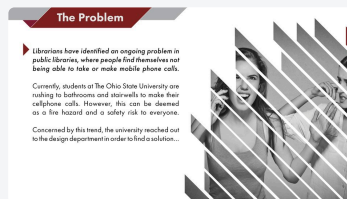


Ideation sketches — band and display forms

Echo-Box

A wall-mounted, felt-paneled phone booth for The Ohio State University library, built as a full wood-and-felt appearance model.

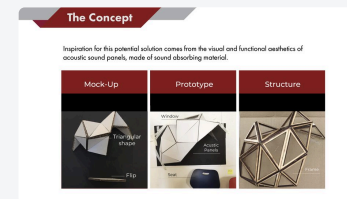
ROLE	Industrial Designer
TIMELINE	2017
CONTEXT	Ohio State class project
PROCESS	Sketching, cardboard mock-ups, wood-and-felt appearance model
DISCIPLINE	Furniture
OUTCOME	Full-size appearance model



The problem



Thumbnails and initial mock-ups



The concept — mock-up, prototype, structure

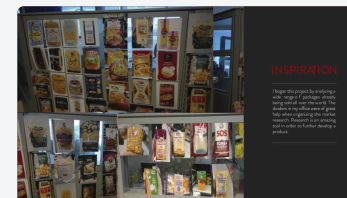
Packaging Design

Premium packaging redesign for Doña Petrona's Premium Pasta and Frying Flour, in 500 g and 250/300 g sizes.

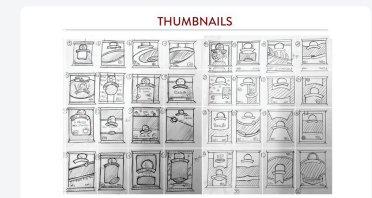
TIMELINE	2018
CLIENT	Doña Petrona — Ecuatoriana de Alimentos S.A.
LOCATION	Guayaquil, Ecuador
PRODUCTS	Premium Pasta · Frying Flour
PACK SIZES	500 g · 250/300 g
DISCIPLINE	Packaging design



Origins — Ecuatoriana de Alimentos



Inspiration — market research

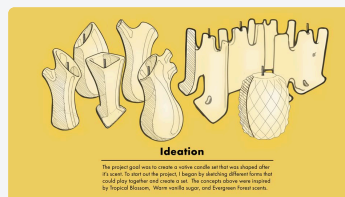


Thumbnails

Tropicandle

A pineapple-textured votive candle, part of a tropical set shaped after its scent — modeled in 3D, cast in silicone and poured in wax.

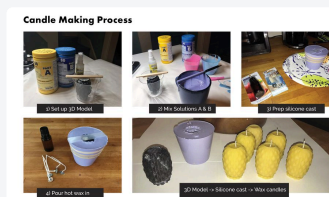
TIMELINE	2018
CONTEXT	Ohio State class project
PROCESS	Sketching, 3D model, silicone cast, poured wax
DISCIPLINE	Candle design
OUTCOME	Cast wax candles



Ideation — candle forms



Tropical candle set — peel remains after burned, domed texture, seed cut-outs

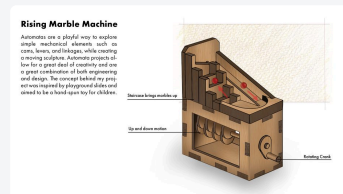


Candle making process — 3D model, mix solutions A & B, silicone cast, hot wax

Automatoy

A hand-cranked rising marble machine — an automaton toy for children, laser-cut, built, and shared on Thingiverse.

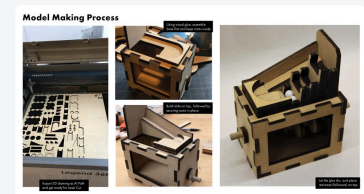
TIMELINE	2018
CONTEXT	Automata Design Challenge · Ohio State class project
PROCESS	3D modeling, laser cutting, wood assembly
DISCIPLINE	Mechanism · Toy
OUTCOME	Built; files shared on Thingiverse



Rising Marble Machine — staircase, up-and-down motion, rotating crank



Final 3D assembly

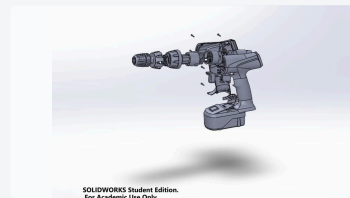


Model making process

Cordless Drill

Reverse engineering of a Harbor Freight Drill Master in SolidWorks and KeyShot, with a redesign in progress.

TIMELINE	2020
CONTEXT	Reverse Engineering + Redesign Project
TOOLS	SolidWorks, KeyShot
OUTCOME	In progress

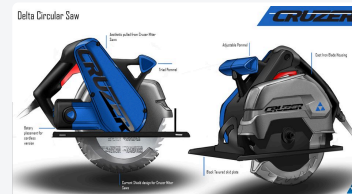


SolidWorks — exploded assembly



Clay render

TIMELINE	2020
TOOLS	Analog sketching, Adobe Photoshop, SketchBook Pro
DISCIPLINE	Sketching

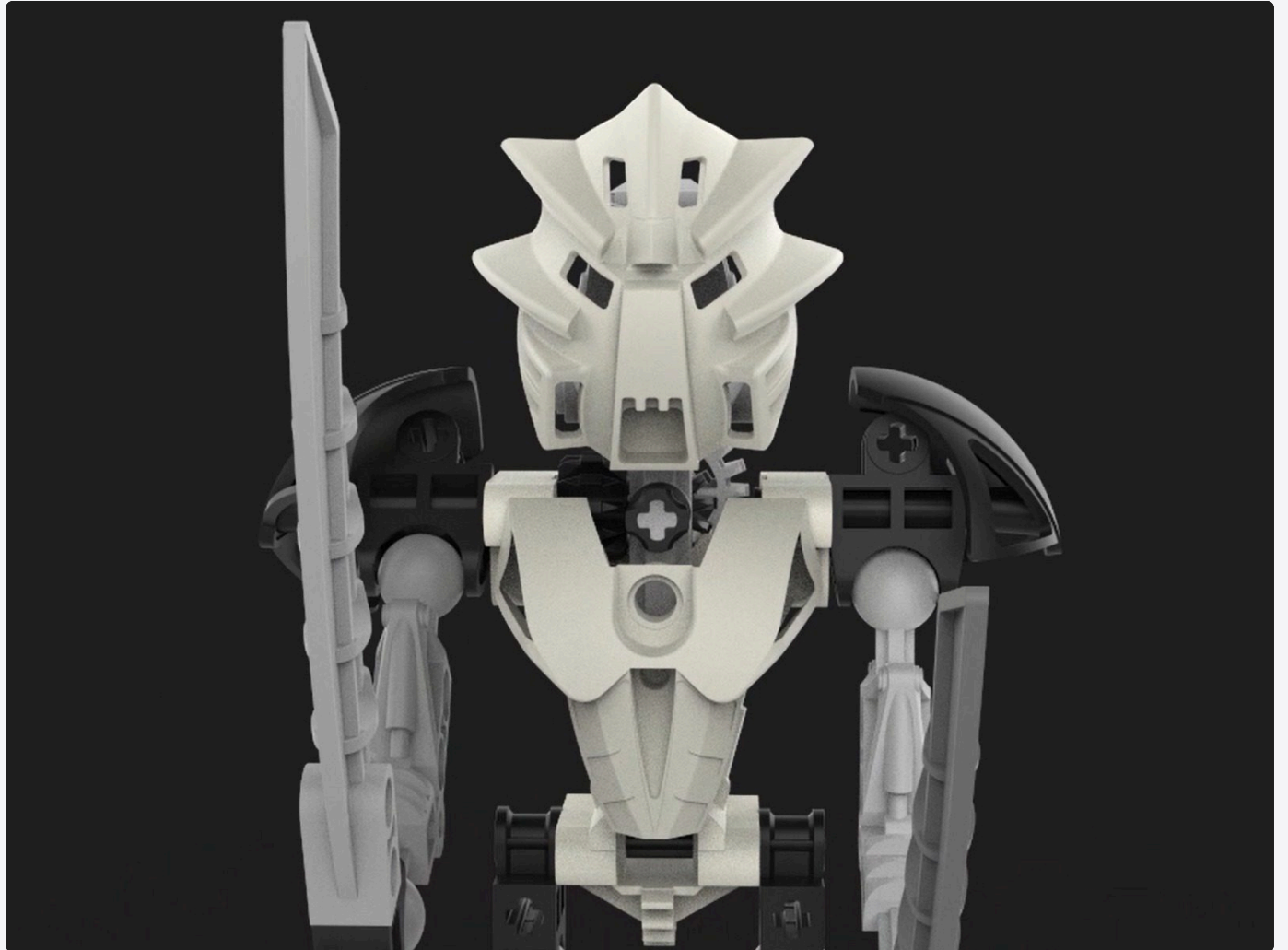


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KeyShot Animation

Quick animations of SolidWorks models rendered in KeyShot.

TIMELINE	2020
TOOLS	SolidWorks, KeyShot
DISCIPLINE	Rendering · Animation



Let's build something.

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Resume: sebastianbolona.com/Sebastian-Bolona-Resume.pdf