



2020

ANNA
PETROVA

INDUSTRIAL DESIGN
PORTFOLIO



ANNA PETROVA

Industrial Design Graduate Student

North Carolina State University 2021



919.285.8336



aspetrov@ncsu.edu



[linkedin.com/in/aspetrova](https://www.linkedin.com/in/aspetrova)

ABOUT ME

UNDERGRAD

WORK EXPERIENCE

GRADUATE



2011

2012-2018

Summer 2020

2021

UNC CHAPEL HILL

CREDIT SUISSE

PLEDGE MY CHECK

DONT WASTE
DURHAM

NC STATE

Bachelor of Arts
Germanic and Slavic Language
and Literatures

Assistant Vice President Financial
Crime Compliance

Volunteer led project
started by NC State
students encouraging
those able to donate their
stimulus checks to help
their neighbors during the
pandemic

Industrial Design Intern

Master of
Industrial Design

01 Starbucks+

02 CPAP Travel
Case

03 Newspaper
Kiosk



CURRATED PROJECTS



ANNA PETROVA

01



DESIGN FOR SUSTAINABILITY

Discover an opportunity to design a sustainable solution for Starbucks.

SPRING 2020 STUDIO PROJECT

PROBLEM

Starbucks is a milk company more than a coffee company. 140,000,000 gallons of milk used by Starbucks / year



14 OZ MILK

2 OZ COFFEE



MILK DELIVERY

Starbucks milk inventory are 2 gallon HDPE jugs which are heavy to transport and adds to delivery cost, therefore, adding to company overhead

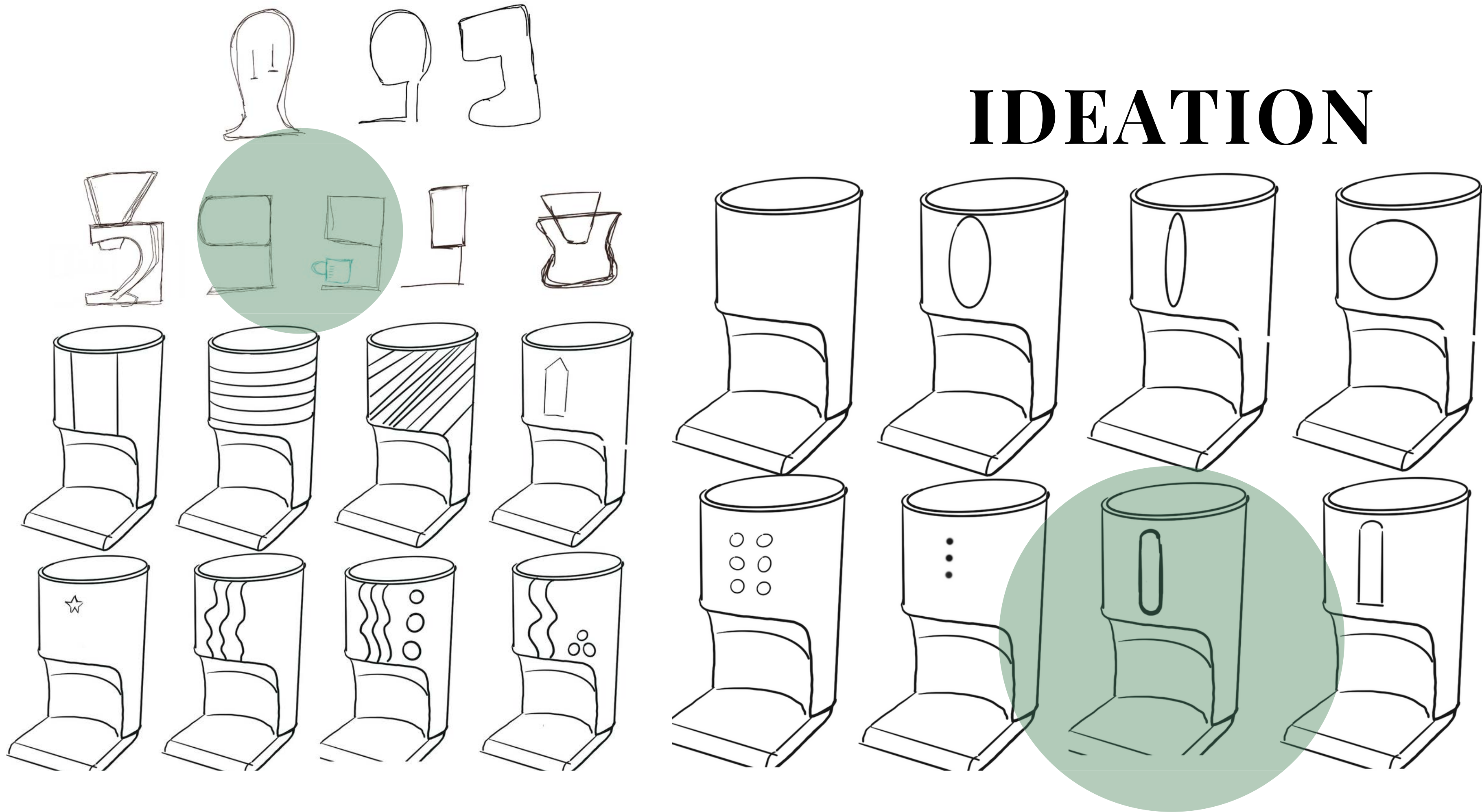


Milk in Bags

Milk delivered in plastic bag are lighter, they are transported in sustainably sourced corrugated cardboard, and have a smaller carbon footprint than 2 gallon HDPE jugs



IDEATION





CLAY MODELS

01



STARBUCKS +

Countertop milk dispenser to minimize waste that occurs behind a barista counter

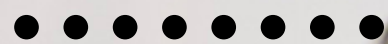


TRAVEL WITH INTEGRITY

Travel solution for CPAP individuals

THE BIGGEST BARRIERS TO TRAVEL FOR BABY BOOMERS

Health



Security



Political Unrest



*2018 AARP TRAVELERS SURVEY 714 PARTICIPANTS

25-30 Million Affected by Sleep Apnea



Device

Nasal Pillow

Tubing

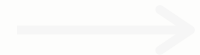
CPAP COMPONENTS



PROTOTYPING

TRAVEL WITH INTEGRITY

Travel solution for CPAP
individuals



NC STATE NEWSPAPER KIOSK

Studio Project Spring 2020
8 Weeks





**BULKY METAL BOX
TAKES A LOT OF SIDE
WALK REAL ESTATE**

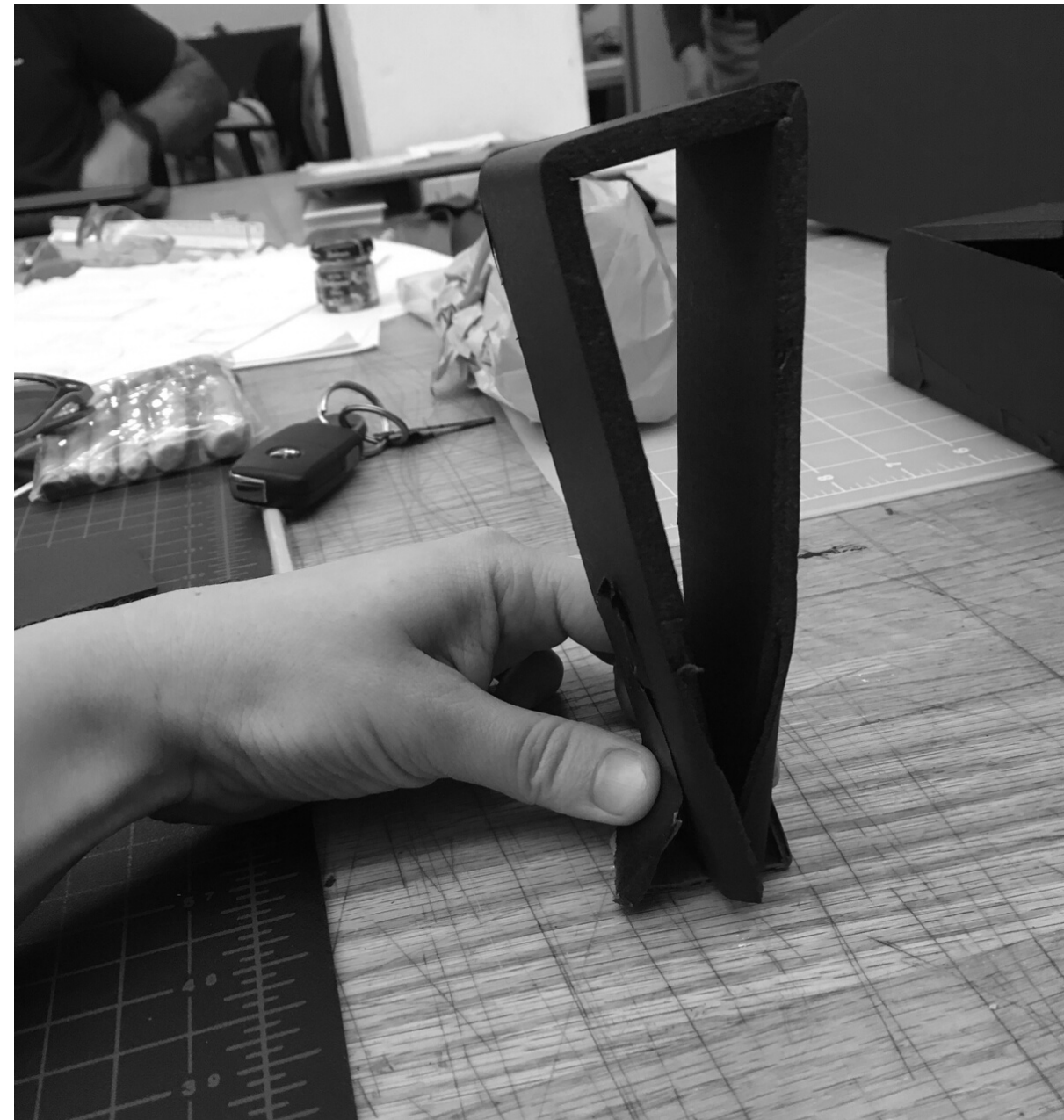
**EXCESSIVE
NEWSPAPER
SPACE**

**TRASH SPACE
DOESN'T GET
USED**

**AD SPACE
CONFUSES
STUDENTS
PURPOSE
BEHIND THE
BOX**



PROTOTYPE MODELING



PHYSICAL PROTOTYPING



**THANK
YOU**

ANNA PETROVA