



JERRY QU
INDUSTRIAL DESIGN
PORTFOLIO



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JERRY QU

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Pratt Institute

Brooklyn, NY

Bachelors of Industrial Design

2018

Lanugages

English

Mandarin

Cantonese

Feb 2019 - Present

Industrial Designer

Visual Citi Inc.

- Responsible for design development, engineering drawings, and production files.
- Fast paced environment - average of 8 projects / 10 hr work day.
- Professional skill level with Solidworks, Keyshot, Illustrator, Photoshop
- Knowledge of various production methods (CNC, 3D print, lasercut, lighting/wiring)

Oct 2018 - Feb 2019

Website/Graphic Designer

Atlantic Weld Tech

- Responsible for company re-branding, website design and maintenance.
- Designed and developed company and product-specific logos, trade show goods.
- Translated publishing previews and abstract documents (Chinese to English).

Oct 2017 - Jun 2018

Industrial Designer

ARECO Technology Inc.

- Designed and developed an oil & gas product (perforation gun cap) through CAD modeling, prototype rapid manufacturing, and overseas manufacturing.
- Created icon packs, website layouts, and product renderings to aid website dev.
- Used Illustrator and Photoshop to design a variety of trade-show giveaways.

Jan 2018 - May 2018

Industrial Design Intern

MODUM Design

- Created 2D and 3D sketching to refine new ideas and develop products.
- Used Solidworks to 3D model, and constructed photo-realistic renderings using Keyshot and Photoshop.
- Projects were fast-paced; focused on housewares, home goods, and men's grooming.

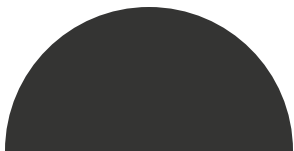
3D

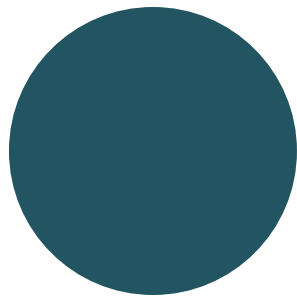


2D



CV





PERSONAL WORK

HIGHLIGHTS



KYOR

(Patent Pending)

MEDICAL BRACE to PREVENT POST-SURGICAL LICKING



The Kyor Brace is an alternative to the Elizabethan Collar (better known as the Cone of Shame). While it prevents the canine from licking its surgical wound, the E-Collar restricts the dog's movement, hearing, and vision. Its hard and plastic material is both uncomfortable to touch as it is to wear. 'Kyor', read as 'Cure', is made of a soft yet durable ethylene-vinyl acetate (EVA) foam: it is what children's puzzle-piece mats are made of.





KYOR

Research shows that a mere 1.5-2" of material above the dog's shoulders and around their neck, is enough to restrict their head turning movement from reaching injuries on their chest, body, and tail. Kyor achieves this with a design that was inspired by neck braces that professional dirt bikers use as a sport standard.



(see website for video)





Pekel is a canister used for fermenting foods, anything from coleslaw and kimchi, carrots and beans. The two main innovations of Pekel are the **Auto-Burp Cap** and the **Date Ring**. Conventionally, mason jars are used for fermentation. As the food ferments, CO2 is released into the jar and must be let out once a day. This is called 'burping'. If the mason jar is left for more than two days without being burped, the glass jar may explode due to pressure buildup, wasting food and causing possible damage to nearby jars.

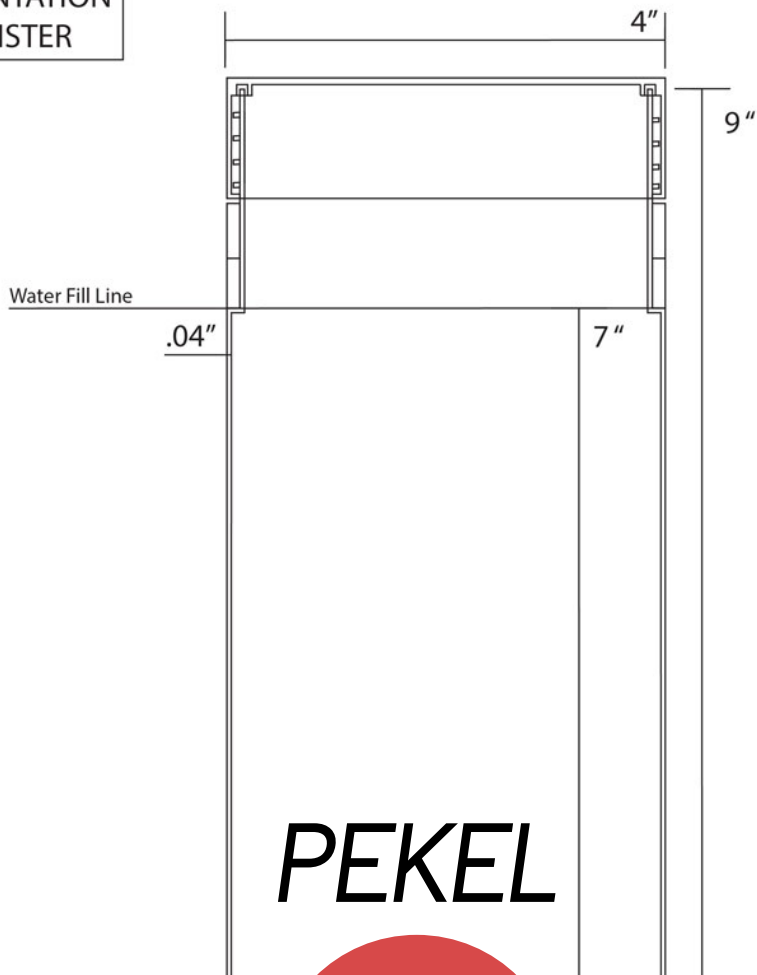
PEKEL

FERMENTATION MADE SIMPLE

Pekel is a fermentation canister. The 'Auto-Burp Cap' and the 'Date Ring' are its two main features.



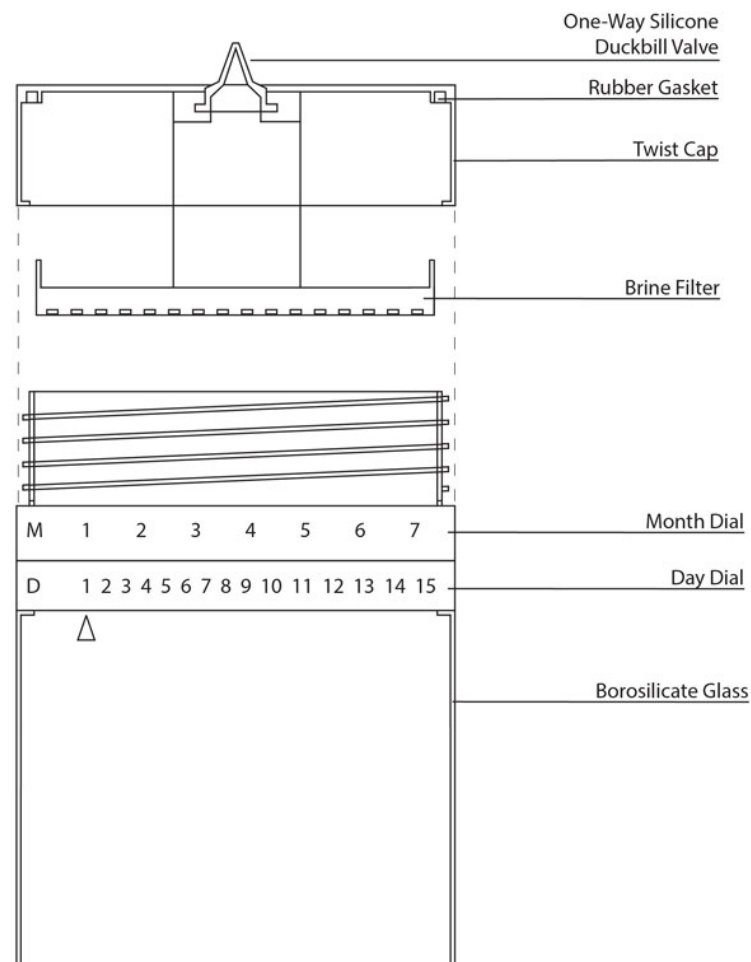
32 OZ QUART
FERMENTATION
CANISTER



The Auto-Burp cap features a single direction, self-actuating air valve. This valve can keep O₂ out preventing mold to grow, yet allows CO₂ to escape, preventing the jar from exploding. The revolving Date Ring allows the user to mark the month and day of the beginning of their fermentation project.



CAP DETAILS





PRODUCT LOGO, CAD for ARECO TECH INC. ●

Designed and developed an oil & gas product (perforation gun cap) through CAD modeling, prototype rapid manufacturing, and overseas manufacturing.



ARECO





COMPANY LOGO, WEBSITE,
CAD for ARECO TECH INC.



ARECO



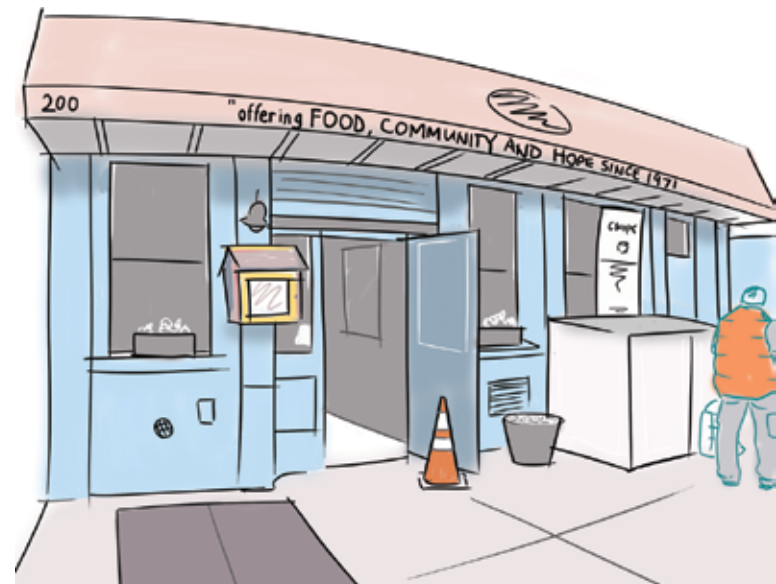
Built Solidworks CAD models from blueprints, rendered them using Keyshot, and applied to various graphics. A new company logo was also developed.



MOBILE SHOWER UNIT for CHIPS SOUP KITCHEN & WOMENS SHELTER



The trailer is the 1st of its kind in New York City, it'll be parked outside the shelter during soup kitchen hours all year round providing hot showers for the homeless population. During service hours, volunteers working for the shelter will distribute clean socks, toiletries, and towels. The trailer will be locked up overnight in a nearby church after hours.



MIRA

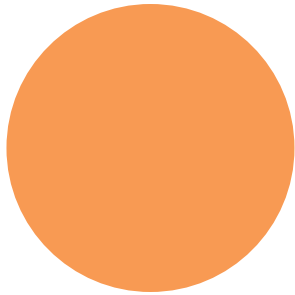


Each unit will cost \$59,560, apportioning 2 shower stalls with ample dressing space. Design of its interior allows the unit to be **easily cleanable** and maintainable: the walls and furniture will be constructed out of vividly colored stainless steel, and naturally anti-bacterial teak wood.



MIRA

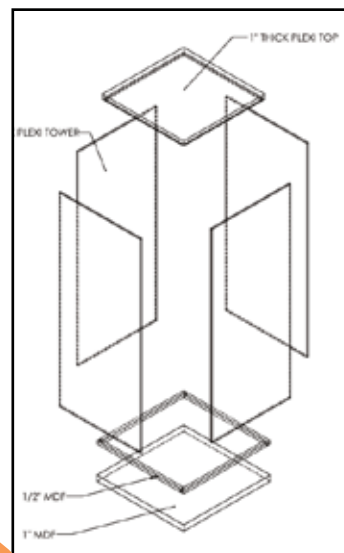
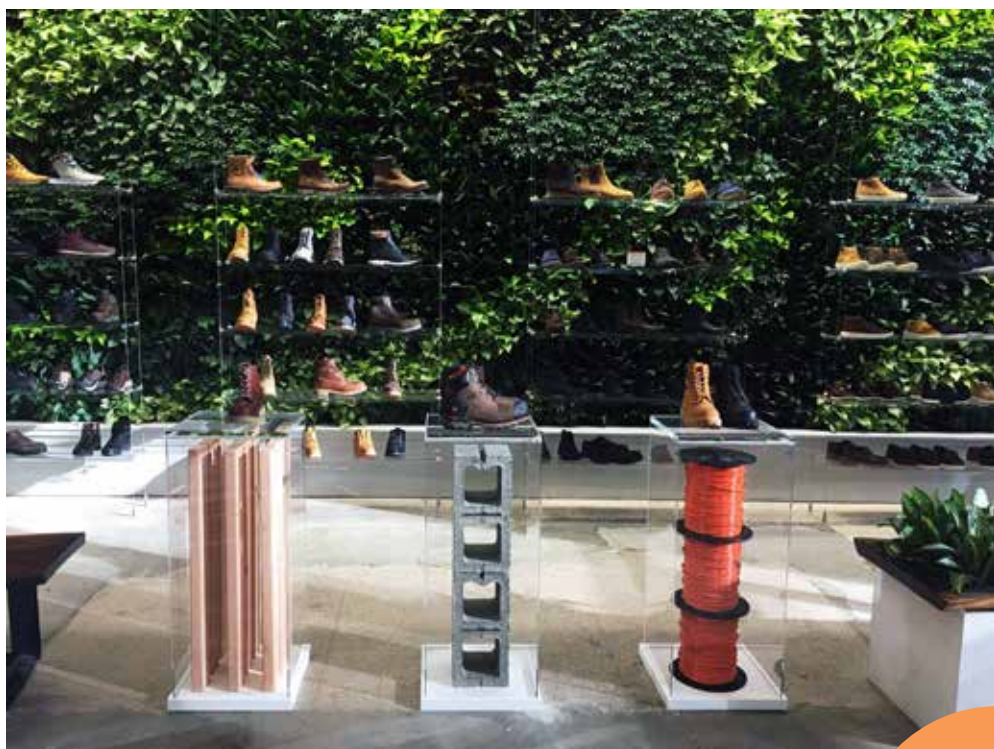




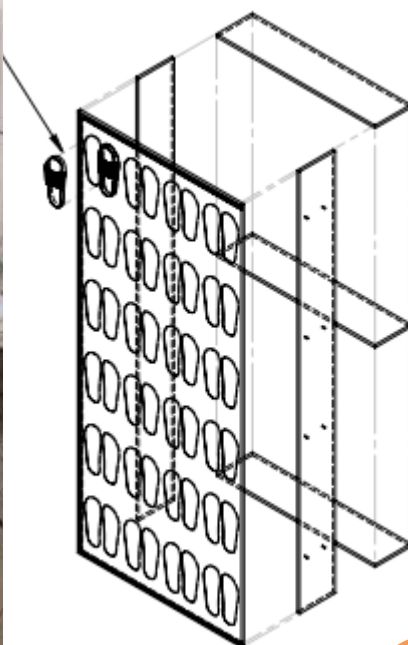
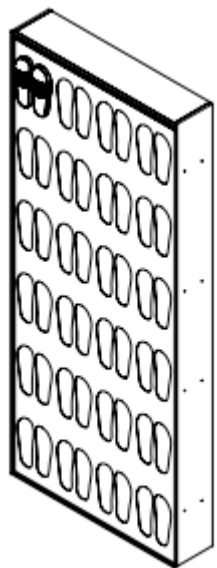
PROFESSIONAL WORK

VISUAL MERCHANDISING

TIMBERLAND STORE FIXTURES



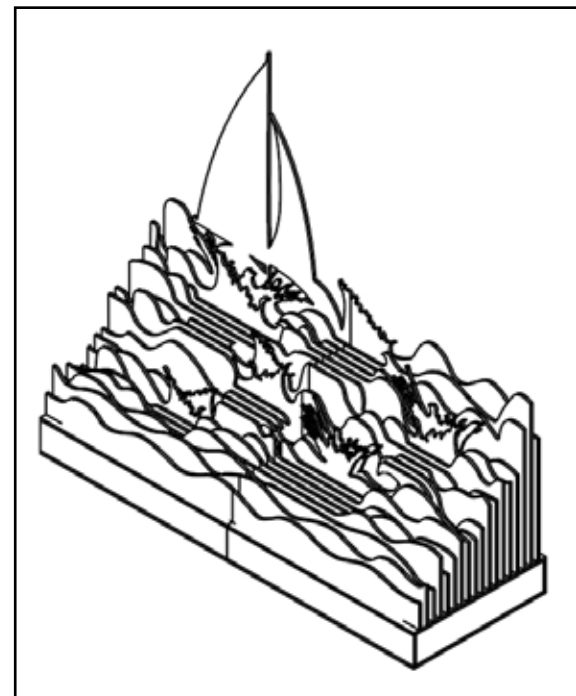
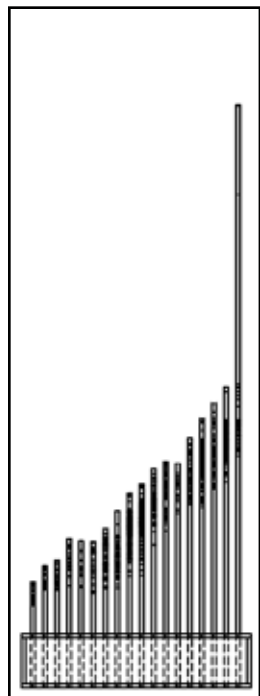
MACY'S NYC WINDOW DISPLAY (KENNETH COLE 7TH AVE PRIDE)



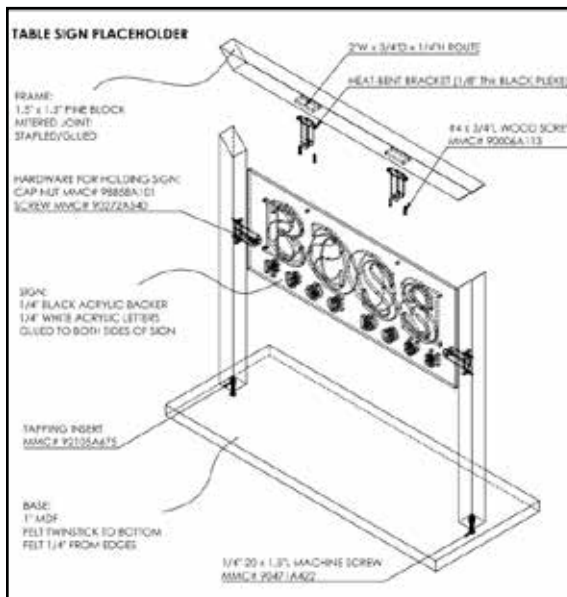
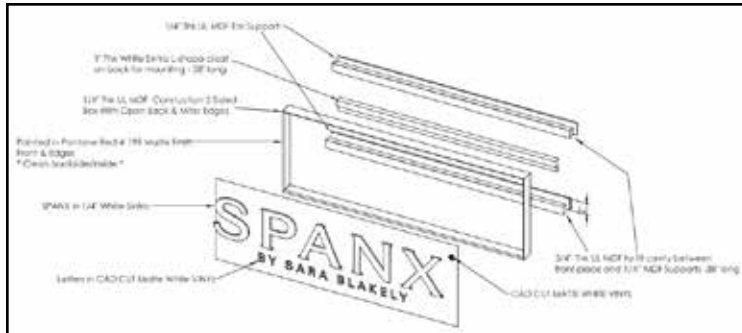
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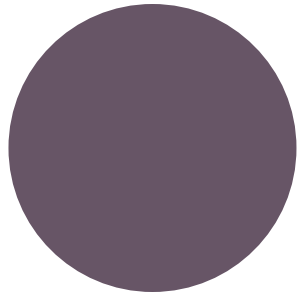


CHRISTOFLE NYC WINDOW DISPLAY (MADISON AVE)



MISCELLANEOUS STORE SIGNAGE





ADDITIONAL SKILLS & PERSONAL PROJECTS

ZODIA

CHINESE ZODIAC CUFF BRACELETS



(3D Printed in wax, lost-wax cast in brass)

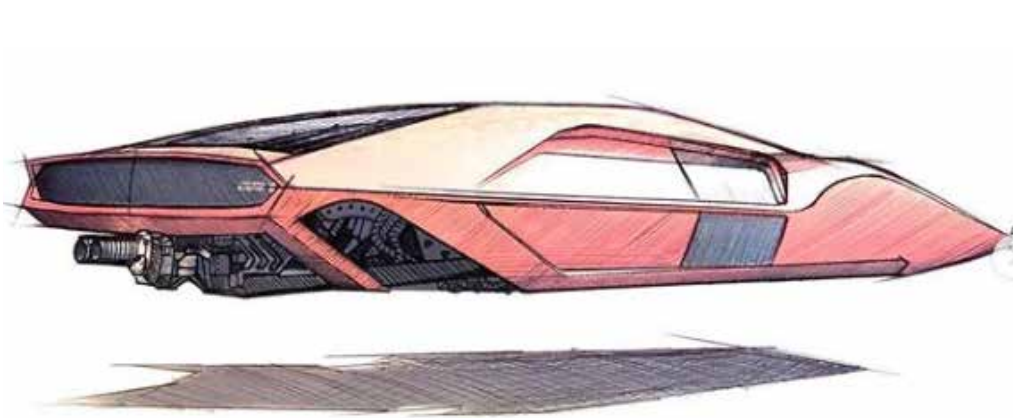
ADDITIONAL SKILLS & PERSONAL PROJECTS



SKILLS

DIGITAL DRAWING SKETCHBOOK PRO

ADDITIONAL SKILLS &
PERSONAL PROJECTS



SKILLS

COSTUME DESIGN

COSPLAY & PROPS



(Patterning, sewing, foamcraft)

ADDITIONAL SKILLS & PERSONAL PROJECTS



SKILLS

COSTUME DESIGN

COSPLAY & PROPS



(Patterning, sewing, rubber cast)

ADDITIONAL SKILLS & PERSONAL PROJECTS



SKILLS



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THANK YOU

