

Ryan Bell



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EDUCATION

University of Washington | Seattle, WA - BSME
September 2015 – June 2019

Jenkins High School | Chewelah, WA
September 2011 – June 2015

PURSUING

Human Centered Design
Product Design Engineer
Leadership Roles
Business Ownership

SKILLS

CAD (SolidWorks/Fusion)
8D, RCA, DoE
Adobe Suite & Figma
Project Leadership
Storytelling/Communication
Machining & Prototyping

INTERESTS

Hiking & Fishing
Drumming
Cars & Coffee
Photography
Carpentry
Cooking

WORK

UW Formula SAE (3yr)
Construction (3 yr)
Coffee Shop Lead (2 yr)
Hardwood Flooring (1 yr)
Golf Course Crew (2 yr)

EXPERIENCE

SR. CONCEPT DESIGN ENGINEER | STARBUCKS

January 2022 – Present

Concept Design

- Leading iterative HCD sprints to define problems, create requirements, and develop PoC to test in real stores – averaging (5) pilot store tests per year
- Lead engineer, up to (8) projects at once, responsible for UX & mechanical design
- Champion of inclusive design via independently created accessibility testing

Management

- Managing international suppliers and XF relationships in smallware, (auto) ingredient dispense, and IoT industries, maintaining vision & expectations
- Managing schedule, deliverables, project briefs, and test plans throughout front-end development of multi-million-dollar projects with (10-40) active XF Partners
- Lead hiring manager for intern program

PRODUCT DESIGN ENGINEER | STARBUCKS

August 2019 – January 2022

Product Development

- Lead engineer responsible for scaling products from PoC to over (10,000) stores
- Developed Starbucks Cold Brewer saving (105) min of labor per store per week
- Responsible for FAI, reliability testing, RCA, and systems integration

Product Management

- Responsible for identifying, creating, and managing product requirements
- Frequent leadership presentations & design reviews utilizing effective storytelling

EQUIPMENT INNOVATION INTERN | STARBUCKS

June 2018 – June 2019

Equipment Testing

- Created & preformed DoE for complex mechanical systems

Rapid Prototyping

- Laser cutting, 3D printing, mold injection, carpentry, machining, Arduino