

Yates Downing

● ● ● Industrial Designer

Tempe, AZ

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EDUCATION

2023 Master of Industrial Design (GPA 4.0)
Arizona State University

2017 Bachelor of Science - Mechanical Engineering
North Carolina State University

WORK EXPERIENCE

Sibel Health Chicago, IL
Industrial Designer (Nov 2023- current)

Worked on a cross-disciplinary team to develop wireless biosensors for the ICU and telemetry units. Developing a thorough knowledge and understanding for user needs and desired user experience. Task analysis, journey maps, and workflow diagrams were created in Figma as an aid.

Sketching and prototypes were developed to understand features, size, points of engagement, etc. Prototypes were created in Solidworks and 3D printed, and used for testing.

Scripting and conducting Formative Tests with nurses and other medical professionals. Formative Tests give us invaluable feedback to improve our concepts, and are a vital component in FDA submissions.

Shatterbox Concepts Greenville, SC
Industrial Design / Design Engineer Contractor - Remote
(May 2023- Nov 2023)

Working with engineers and designers to create sketch renders and CAD models for a new lawn care product line for an international client. High focus on user-centered design to improve lawn care experience.

Johnson & Johnson Medtech
Cincinnati, OH Co-op (May 2022 - Aug 2022)

Worked on cross-disciplinary international teams to improve user experience with current surgical products which optimize work flow and decrease operation times in surgery.

Rapidly developed functioning prototypes for new product ideas for sinoplasty procedures. Prototypes were designed in Solidworks with ideal tolerancing and 3D printed for testing.

NOCO Tempe, AZ
Industrial Design Intern (May 2021 -May 2022)

Worked on cross-disciplinary teams to design potential products that diversified NOCO's target markets.

Assisted in developing Amazon content, rendering in Keyshot and designing graphic layout in Illustrator. I assisted in all of the main and A+ Amazon content for the X-Connect products GC004, GC020.

NOMINATIONS & SKILLS

Salone Satellite Milan, IT
Spring 2023

Nominated by ASU faculty to present my capstone project 'OLO' in ASU's Design School Exhibit at Salone Satellite during Milan Design Week

Software

Solidworks	MS Office
Keyshot	Procreate
Illustrator	Rhino
Indesign	Premiere
Photoshop	After Effects

Prototyping

3D Printing
GD&T / DFM
Mold Making
Machining
Woodworking

Art

Charcoal
Pencil
Digital Art