# **JOSEPH BRAVERMAN**

INDUSTRIAL DESIGNER

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# Portfolio: www.josephbraverman.com

# EDUCATION

#### 2021 - 2025 INDUSTRIAL DESIGN

Thomas Jefferson University

Bachelor's of Science in Industrial Design, with concentrations in manufacturing and soft goods, and a minor in sustainable design.

# EXPERIENCE

#### 2022-2024 THOMAS JEFFERSON UNIVERSITY - HEALTH DESIGN LAB Design Consultant

- Collaborated with cross-disciplinary teams of healthcare professionals to design user-centered, patentable medical products that address real world challenges.
- Conducted user research through fieldwork and interaction with medical professionals, ensuring product solutions were practical, scalable, and aligned with clinical needs.
- Contributed to ideation, prototyping, and development of innovations, playing a key role in product pitches at industry events, demonstrating impact on care outcomes.

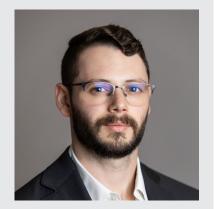
#### 2015-2021 PENNSYLVANIA ARMY NATIONAL GUARD Aeromedical Crew Chief & Flight Instructor

- Provided in-flight care alongside medics, nurses, and surgeons during aeromedical operations and mission-essential flights.
- Designed curricula, led classroom instruction, conducted training flights, and assessed proficiency for crew chiefs and flight medics.
- Trained personnel on aircraft systems, standard procedures, and rescue hoist operations, maintaining full training records for 20+ team members.
- Conducted maintenance, pre/post-flight checks, and ensured the readiness of UH-60 Sikorsky helicopters valued at over \$5M.

# 2013-2021 LEBUS BAKERY INC.

#### **Maintenance Technician**

- Effectively diagnosed and resolved issues and malfunctions by interpreting instructions, manuals, and schematics.
- Committed to securing efficient operations of mechanical equipment and machinery while maintaining a safe environment.
- Performed weekly inspections of parts inventory and placed orders for replacements in a timely manner.



# ABOUT ME

A constant student in all things, I thrive on learning and taking on new challenges. My hands on approach blends user research, prototyping, and model making to make functional, user centered designs built for real world performance.

# SKILLS

#### **DESIGN & VISUALIZATION**

- 3D CAD (Solidworks, Fusion 360)
- Keyshot
- Adobe Photoshop
- Adobe Illustrator
- DSLR Photography
- Sketching

#### **PROTOTYPING & FABRICATION**

- 3D Printing (FDM & SLA)
- Prototyping
- Model Making
- Manufacturing processes
- Sewing & pattern making

#### **STRATEGY & COMMUNICATION**

- User research
- Problem solving
- Training & instruction
- Records management
- Microsoft Office Suite

# AWARDS

STREAMLIGHT LIGHTING DESIGN COMPETITION - WINNER (Streamlight Inc. 2025) PMOA COLLAB COMPETITION - HONORABLE MENTION (Philly Museum of Art, 2022)