

RESUME

JOSEPH BRAVERMAN

INDUSTRIAL DESIGNER

H: Philadelphia, Pennsylvania // T: (610)-999-0219 // E: josephbraverman@gmail.com

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)