

# Jacob Husak

## Industrial Designer

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Raleigh, NC  
901-619-7331  
Jakehusak@gmail.com  
[Portfolio Here](#)  
[LinkedIn](#)

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### Skills

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Innovation-focused Industrial designer with a background in 3D design, exhibit, experience, furniture, retail, orthopedics, luxury, and soft goods.

Experience in:

- **Design Software:** Adobe CS (Photoshop, Illustrator, InDesign) SolidWorks, Rhino 3D, Autodesk Fusion, Blender, Materialize(3matic), Keyshot, Salesforce, Mondays.
- **Product Management software:** SalesForce, Mondays, ClickUp.
- **Prototyping and fabrication:** welding, sewing, carpentry, 3D printing, plastics molding.
- **Rapid Ideation:** sketching, 3D Modeling, hand building, sketching, CNC, Claude, Flora
- **Management:** new hire training, employee up-leveling.

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### Experience

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#### Lunchbox / Product Development Manager

May 2025 - Current | REMOTE

- Grew the product portfolio by launching **4 products in 12 months** – including the brand's **first anti-theft hydro sling**– through full-cycle development from concept to commercialization, generating **\$124,400 in revenue**.
- Reduced **per-unit production costs by 15%** by conducting strategic material substitutions and component redesign, improving margins across the entire product line
- Achieved rapid sell-through of **500–1,500 units within 60–90 days per launch** by developing products with strong market fit, delivering margins ranging from **70% to 11x production cost**
- Accelerated development timelines and maintained quality standards by managing external design teams, suppliers, and manufacturers while aligning cross-functional leadership through biweekly product reviews

#### Restor3d / Patient-Specific Design Technician

Sep 2023 - Current | Raleigh-Durham, NC (Hybrid)

- Led the team in productivity by designing **170+ custom orthopedic implants annually** using Materialize 3matic and proprietary Python-based software, contributing to a **200%+ increase in team output** within one year
- Streamlined onboarding and design efficiency by developing training programs and repeatable processes for both cleared and custom projects, resulting in measurably faster new hire productivity curves
- Expanded team capacity by taking on cross-functional process development responsibilities alongside individual output, helping scale operations without adding headcount

#### Visiting Media / 3D Designer

Feb 2022 - Feb 2023 | REMOTE

- Eliminated the company's entire order backlog within 12 months by personally completing **400+ client deliverables** and overseeing a team of 60, growing department output by **250%+**

- Scaled multicultural team performance by building comprehensive training programs, asset libraries, and repeatable design workflows, enabling consistent quality across 500+ products
- Accelerated client delivery timelines by standardizing 3D and AR/VR production processes using Rhino, Keyshot, and Salesforce, reducing per-project turnaround across the team

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## Mountain BizWorks / Lead Industrial Designer

June 2021 - August 2021 | Boone, NC (Hybrid)

- Represented North Carolina's outdoor industry at **Outdoor Retailer Summer 2021** by designing and fabricating a modular trade show booth built to be affordable, reusable, and easy to ship
- Delivered the booth on schedule by directing a team of 6 through an intensive production sprint using SolidWorks, welding, and CAD/CAM workflows
- Strengthened the booth's regional authenticity by collaborating with leading industry and state officials to ensure the space accurately reflected Western North Carolina's outdoor identity.

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## Volunteer Work

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## Bonnaroo Music Festival / Volunteer

June 2015 - June 2026 | Manchester, TN

- Nearly a decade of festival volunteer experience, working every position from gate security to pre-show art and design roles, and over a 10 years attending festivals
- Art and design: Helped Bonnaroo staff create the interior for the beloved "House of Yes".

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## Education

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## Appalachian State University / B.S. in Industrial Design

- **Board Member** - Appalachian State ISFD - Student Chapter  
Led branding meetings and programming discussions for the areas furniture society
- **Member** - Appalachian State IDSA  
Created programming for the local IDSA chapter.
- **Council Member** - Appalachian Popular Programming Society  
Responsible for 20+ concerts hosted at Appalachian State University. Included show setup/logistics, artist signing, and musical trend prediction.
- **Study Abroad** - NABA Nuova Accademia di Belle Arti - Milan, Italy

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## Awards

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### INNOVATION+DESIGN Competition / Casgood Finalist

- Utilized Rapid Prototyping techniques, 3D Modeling(Rhino, Grasshopper, Solidworks), hand sketching, and model-building to design a compelling occasional storage piece combining traditional Japanese finishing techniques and modern craftsmanship.
- Product hand-selected by the International Society of Furniture Designers board of trustees for its craftsmanship alluring presence.
- Shown as a finalist at the inaugural Innovation+Design competition in Highpoint, North Carolina.