

# Kiefer Howland

## Industrial Design



Portfolio  
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### Socials



LinkedIn  
Kiefer-howland



Instagram  
Howland-designs

### Education

#### University of Kentucky

Bachelor of Science in Product Design  
Graduation | May 2026  
GPA | 3.95  
Dean's List

### Skills

Leadership, cross-disciplinary collaboration, visual communication, problem-solving, sketching, ceramics, aviation, home renovation, welding, CNC machining, 3D printing, woodworking, metalworking, plasma cutting, digital fabrication, rapid prototyping, CAD modeling, material research, and user testing.

### Tools

Rhino, Fusion 360, SolidWorks, Gravity Sketch, KeyShot, Vizcom, Photoshop, InDesign, Illustrator, Procreate, Figma, Bantam Tools CNC, Boss Laser, LightBurn, FabCreator, and Orca Slicer, Enroute.

### Certification

Private Pilot License (PPL)  
PADI Open Water SCUBA  
Apex Multicam (CNC)

## Design, to Me

Is about making sense—not making noise.  
I'm drawn to work that feels obvious in hindsight—the kind that doesn't ask to be seen, but makes its presence known in its absence.

## Experience

### Designer @ Inverge

Lexington, Ky | Sept 2025 - Present

Inverge is a consultancy-style company leveraging AI-driven algorithms to penetrate existing markets at the crossroads of physical and digital design, enhancing human-data interaction. Currently developing a mobile banking app featuring an algorithm-based financial coach to improve user insight and decision-making.

### Fabrication Shop Technician

University of Kentucky | July 2024 - Present

Support student and faculty projects through oversight of fabrication equipment, including CNC machines, laser cutters, and 3D printers. Provide training, ensure safety compliance, and assist with prototyping and material selection across disciplines.

### Design Intern

University of Kentucky | Summer 2025

Developing multi-functional mobile pin-up boards for the new open-studio Gray Design Building. Focused on meeting faculty needs for flexible space partitioning, sound dampening, and enhanced critique surfaces to support collaborative, adaptable studio workflows.

### Lean/Product Research Assistant

University of Kentucky | August 2024 - June 2025

Interdisciplinary research exploring the integration of lean methodologies in product design. Focused on developing user-centered solutions that enhance efficiency and reduce waste in prototype development to inform design strategies.

### Co-Owner/Operator

Lock-N-Key Self Storage | March 2021 - Present

Oversee operations, customer relations, and facility management for a self-storage business. Manage leasing, payments, and maintenance while implementing strategies to improve efficiency and tenant satisfaction.

## Leadership & Involvement

### Vice President

Industrial Designers Society of America, University of Kentucky | May 2024 – May 2025

Organized events, workshops, and design challenges to foster professional development among product design students.

### Teaching Assistant – Materials & Processes

University of Kentucky College of Design | Fall 2025

Assisted Professor Sk O'Brien in leading the Materials & Processes course, supporting student projects, guiding hands-on fabrication, and helping students connect material properties to real-world design applications.

### Tau Sigma Delta

Honor Society for Architecture and Allied Arts | Inducted 2025

Recognized for academic excellence and leadership in design.

### Leader - Middle School

Southland Students | April 2023 - Present

Lead and mentor a group of 15 middle school boys, fostering personal growth, teamwork, and leadership development.