

VIRGINIA SCHREIBER

INDUSTRIAL DESIGNER

Product Design Engineer focused on designing intuitive, durable consumer products that perform in real-world conditions. Award-winning Georgia Tech Industrial Design graduate and former Division I student-athlete known for precision, collaboration, and practical innovation with a performance-driven, detail-oriented mindset.

CONTACT

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EDUCATION

Georgia Institute of Technology
BS in Industrial Design

Graduated May 2024 with Highest Honors

Collegiate Activities

- Zeta Tau Alpha Fraternity
- Georgia Tech Gold Cheerleader
(2021 ACC Championship Team)

EXPERIENCE

Rogue Fitness

Product Design Engineer

Columbus, OH

June 2024 - Present

- Design and engineer high-performance fitness equipment optimized for performance, durability, ergonomics, and user safety, applying principles of biomechanics, kinematics, and exercise physiology to real-world training applications.
- Conceptualize and engineer products from initial sketch to mass production.
- Create detailed 3D CAD models, engineering drawings, and manufacturing specifications, collaborating closely with industrial design, product management, manufacturing partners, and third-party vendors to ensure design intent translated accurately to production.
- Prototype and iterate functional models using 3D printing, CNC machining, and metal processes to validate biomechanical alignment and user touchpoints ensuring structural integrity for high-impact use.
- Select materials and manufacturing processes balancing strength, wear characteristics, cost targets, and scalability, while maintaining compliance with applicable ASTM and ISO fitness equipment standards.
- Oversee production trials and ongoing quality assurance, establishing inspection criteria and resolving manufacturability or performance issues prior to and post-launch.
- Contribute to and secure multiple patents covering novel accessory mechanisms, attachment systems, and performance-enhancing design features.
- Manage end-to-end development of custom SKUs, tailoring base models to meet specific athlete requirements, space constraints, and boutique brand identities.
- Partner with cross-functional stakeholders to transition products from prototype to mass production, supporting successful launches and continuous improvement initiatives.
- Produce high-fidelity photorealistic renderings using KeyShot to visualize CMF (Color, Material, Finish) options.
- Author comprehensive assembly manuals using technical illustrations and exploded-view diagrams.

PATENT-PENDING

- Rogue Rhino Low Row Attachment
- Rogue Curl Bar Cable Attachment
- Mutant Metal ARC
- Rogue CG Line Attachments
- Rogue LM-1P
- Rogue Single Handle Cable Attachment
- Mutant Metals V-Grip
- Rogue Rotating V-Grip Attachment
- Rogue 40" Multi-Use Straight Bar

EDUCATION-BASED PROJECTS

Georgia Tech Senior Capstone Studio Fall 2023
Glamour Grip

Georgia Tech Product Development Studio Spring 2023
Onward Beach Cleanup E-Bike

Georgia Tech Health Design Studio Fall 2022
Buddy Healthcare Assistant

- Designed a health aid for children in the hospital to further understand their emotions
- Interviewed parents, children, and nurses for possible pain points
- Coded the program with different emotions and explanations
- Received 2023 RJLM Humanitarian Award from Georgia Tech School of Industrial Design

Milton Cirque Fall 2019 - Fall 2021
Bars Unit Design

- Designed and built a full-scale working apparatus with input from gymnastics and rigging experts
- Researched materials and vendors from which to buy steel and related equipment

ADDITIONAL EXPERIENCE

The Peach Pit Summer 2023
Project Manager and Marketing Intern

- Redesigned a new layout for the gym and staff room
- Implemented new organizational structures for staff
- Created content for the company social media and website

The Peach Pit Fall 2022 - Summer 2024
Head Tumbling and Competitive Cheer Coach

- Managed tumbling and conditioning curriculum for the Peach Pit's competitive cheer program
- Trained new coaches in tumbling drills and spotting techniques
- Instructed athletes in proper form and muscle awareness
- Ensure safety of children throughout training

North Pointe Prep Summer 2020 - Summer 2021
Lead Teacher

SKILLS

Design and Visualization Software

- Adobe Creative Suite: Photoshop, Illustrator, InDesign
- Figma

Rendering/CAD

- Fusion 360
- Autodesk Inventor
- Solidworks
- Keyshot

Machines

- Shop tools
- 3D and Large Format Printers
- Vacuum Forming Machine

Communication

- Graphic Presentations
- Public Speaking
- Classroom Teaching
- Private Tutoring

Athletics

- Cheerleading
- Circus Arts
- Gymnastics
- Weightlifting
- Dance