

# MILES RUSSELL

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**OVERVIEW** Seasoned design engineering professional with 14 years' experience designing and managing custom built products and fixtures for retail environment and interior architecture

**WORK EXPERIENCE** **Design Engineer, Freelance** | Black Iron Strength, 2022-2024

Collaborated with my client and their manufacturing partner to prepare manufacturing documentation for over 30 weightlifting products and deliver new products to market

**Design Engineer** | Axiom Custom Products, 2021-2024

Interpreted design renderings and architectural plans to produce models and production drawings for in-house fabrication of custom fixtures, furniture, millwork, and environments for brands including The North Face, Converse, New Seasons Market, and Google

**Junior Project Manager** | Hanset Metal Fabricators, 2020-2021

Managed clients and internal project teams to coordinate drafting, submittal approval, field measure, production, installation, and billing of custom fabricated metal projects

**Design Engineer** | Forge Graphic Works, 2019-2020

Estimated, designed, engineered, and fabricated custom fixtures, signage, and window displays for brands including the Portland Trailblazers, Nike, and Adidas

**Design & Development Engineer** | Spectas (Formerly TDC Instore), 2015-2018

Provided concept ideation and product development including investigation of innovative processes, materials, and technologies to leverage in retail display solutions for key accounts like Michael Kors, Titleist, and Altec Lansing

**Project Manager** | TDC Instore, 2013-2015

Managed estimation, scheduling, prototyping, production, and distribution of custom retail fixtures to meet objectives for international brands like Samsung, Burton, and Chicco

**Design Engineer** | Art Guild Inc., 2010-2013

Developed and engineered design solutions for custom retail fixtures and displays; Produced and maintained CAD models, production drawings, and instruction sheet documentation

**EDUCATION** **Rhode Island School of Design**, Providence RI

Bachelor of Fine Arts, Industrial Design, 2002-2006

## SKILLS

- Well-versed in design principles and design thinking processes
- Concise and professional communication of design problems and feasible solutions
- Efficient and effective sketching, drafting, rendering, and prototyping capabilities
- Experienced with a broad range of materials, finishes, and manufacturing processes
- Organized, collaborative, curious, and detail-oriented continuous learner
- Keeps abreast of current brand and design trends

**SOFTWARE** **Advanced:** SolidWorks, Adobe Creative Suite, MS Office Suite, Keyshot

**Working Knowledge:** SketchUp, Bluebeam, Artios, Rhino, AutoCAD, HTML, CSS