

Richard Guzman

Industrial Designer | Fabricator | Pilot
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I figure out how things work, how to build them at scale, and how to make them intuitive for the people using them. My design approach relies heavily on manufacturing reality, clean geometry, and discipline.

PROFESSIONAL EXPERIENCE

Dell Technologies | Industrial Design Engineer | 2016 - Present

- Lead the industrial design for Tower and Edge servers, focusing on making dense, complicated enterprise hardware clean and buildable.
- Carved out a niche tackling complex geometry and pattern work. I use Python scripts to build algorithmic models in CAD so we don't have to surface thousands of intricate details by hand.
- Spending a lot of time in the digital weeds with a team building rendering pipelines for digital twins. I try to make sure the digital design matches reality as closely as a photograph.
- Tinker with AI and custom tools to speed up workflows. If there's a way to automate the tedious stuff so the team can get back to design, I'm usually the one figuring it out.
- Ended up as a utility player for the studio-jumping between engineering, advanced surfacing, and high-end visualization wherever I can be useful.

Hewn Austin | CNC Programmer & Concept Developer | 2014 - 2016

- Designed and built custom modern cabinetry, metalwork, and millwork.
- Bridged the gap between the office and the shop floor, handling drafting, CNC programming, joinery, finishing, and BOM creation.
- Learned exactly what it takes to turn an architect's concept into a physical, installed product while running quality control in the field.
- Stepped outside standard millwork to help the owner design and visualize his own passion projects from scratch, including a custom paddleboard and a boat with a Western Red strip planking and a mahogany hull.

Dell Technologies Internship | Industrial Design Intern | 2013 - 2014

- Learned the realities of corporate design and enterprise product development.

EDUCATION

Auburn University Bachelor of Industrial Design | 2008 - 2013

AWARDS & RECOGNITION

- PowerEdge XR4000- 2023 Red Dot Winner
- 2022 IF Award Winner
- PowerEdge T160 - 2024 Red Dot, Good Design, & IF Winner
- PowerEdge t160 - Server the Home - 2024 Product of the year award
- 2020 SXSW Innovation Design Award Finalist - Encoded Forms

TECHNICAL SKILLS

- 3D Modeling & Rendering: Rhino 3D, Grasshopper, Keyshot
- Design & Visualization: Adobe Creative Suite, Photography
- Engineering & Development: Creo Parametric, Product Development
- Human-Centered Design & Storytelling
- Design Language Development & Competitive Intelligence