

## EXPERIENCES

**President • Rad Wednesday Designs, LLC • Bellows Falls, Vermont**  
March 2017 – Present

- Consulting industrial design.
- Bring new products to market.
- Manage overseas production.

**Senior Product Designer • GoPro • San Mateo, California & Bellows Falls, Vermont.**  
July 2013 - March 2017

- Develop products from initial concept and discovery stages through engineering/ design handoff including “the Jam” Music Mount, all frames and inbox accessories for Hero 4 Sessions camera launch, and the Karma gimbal grip.
- Hack, prototype, guerrilla test, report.
- Operate comfortably in a nebulous environment.
- Stay abreast of modern technology, prototyping means, competitive products, trends, and societal movements that might impact or direct future products.
- Companywide design advocate.
- Work closely with experts across departments and fields.
- Regularly deliver high level presentations to CEO and departments heads.
- Recipient of 13 patents.

Only Go-Pro staffer to be permitted to work offsite.

**Senior Concept Designer • Advanced Concept Engineering, TTI • Anderson, South Carolina**  
March 2010 – July 2013

- Apply emerging technology to power tool development.
- Engage fuzzy front end concept development while incorporating both industrial design and engineering to produce innovative solutions from design, prototype, to finished project.
- Establish and manage intern program. Facilitate partnerships with Southeastern colleges of Design and Engineering for systems based learning
- Develop and maintain a companywide online innovation and idea sharing community.

### Career Highlights

**Award-winning product designer.**  
2010 IDEA finalist, 2008 IDEA Silver, 2009 SC InnoVision award, 2007 Hong Kong Consumer Product Design Award, and multiple tools of the trade awards.

**Inventor.** Over 20 filed utility and design patents.

US Patent Numbers:

[US20110170975](#)

[US20100162867](#)

[US20110010951](#)

[USD768753 S1](#)

[US9360742 B1](#)

[US20150177597 A1](#)

[US20160352992 A1](#)

**Leader.** IDSA Carolina Chapter President 2007 – 2013

**Teacher.** Collegiate Design School guest critic, lecturer, intern recruiter.

**Real person.** Former small business owner, house renovator, car restorer, chicken coop builder, dad.

Presented concept to CEO. Made him weep with joy. Enough said.

- Guest professional reviewer at NCSU, Virginia Tech, James Madison and Appalachian State ID programs.

**Concept Designer • Advanced Concept Engineering, TTI • Anderson, South Carolina**

July 2008 – March 2010

- Partner with TTI's Industrial Design, Marketing & Engineering Departments to develop award winning power tools.
- Draw upon combined design and mechanical experience to create multiple solutions to identified problem areas or potential for growth.
- Rely upon research, working prototypes, and 3-D modeling to facilitate advanced problem solving.
- Investigate up and coming technology for possible incorporation in product design.
- Actively involved in engaging student development and interaction.
- Aid initiation of strategic alliance between PDMA and IDSA.

**Senior Industrial Designer • Concept Center International, TTI • Anderson, South Carolina**

December 2007 – July 2008

- Focus on integrated product design for Ridgid Power Tool line.
- Manage projects both in-house and at Hong Kong-based TTI Concept Center Asia.
- Partner closely with Chinese-based engineering team to maintain ID intent.
- Design Ridgid Fiber Cement, recipient of the 2009 SC InnoVision Award, and 2010 IDEA Finalist.
- Coordinate SC Upstate IDSA Studio Tour. Guest professional reviewer at Virginia Tech, Appalachian State.

**Staff Industrial Designer • Concept Center International, TTI • Anderson, South Carolina**

October 2006 – December 2007

- Further practice product design for power tools.
- Partner closely with Chinese-based engineering team to maintain ID intent.
- Design the Ridgid Ultra Compact 12v Drill, recipient of the 2008 IDEA Silver Award.

**Industrial Designer • Concept Center International, TTI • Anderson, South Carolina**

May 2005 – October 2006

- Practice product design for power tools.
- Partner closely with Chinese-based design and engineering teams to maintain ID intent.
- Design Cross-it air grip self-leveling laser which won the 2007 Hong Kong Awards for Industries: Consumer Product Design Award.

**Material Lab Supervisor • NC State College of Design • Raleigh, North Carolina**

May 2003 – May 2005

- Assist students in safely using shop equipment.
- Coordinate and develop exhibits for on campus display.

**Owner Operator Honest Appliance Repair • Greensboro, North Carolina**

August 1999 – November 2002

- Owner and operator of appliance repair business.

## **EDUCATION**

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**Master of Industrial Design, North Carolina State University, 2005**

Recipient of the College of Design's highest award: The Dean's Award, 4.0 GPA

Activities and Societies: NC State IDSA Chapter President 2004, Materials Lab Supervisor, Multiple Scholarship Recipient, Design Camp Counselor, Program Ambassador

**BFA, Drawing / Ceramics, University of North Carolina at Greensboro, 1999**

Activities and Societies: Residential College Alumni, Resident Assistant, Pumpkin Carving Contest Champ.

## **SKILLS**

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Problem solving, visual communication, working cohesively with team members of other departments both domestic and abroad, solid shop and manufacturing know how, latest rapid prototyping technology, building for prototype, kickball, materials and process, sketching, ideation, event organizing, intern program management, project design management, snowboarding, academic collaboration, general carpentry and renovation, student development, long nights spent fulfilling duties as IDSA chair, working remotely. Proficient in SolidWorks, Adobe Photoshop, Adobe Illustrator.