



Nicholas Riddle

350 23rd Avenue, #2 San Francisco, CA 94121

nick@nicholasriddle.com
415.609.4443

| | |
|-----------------------|---|
| Profile | <p>I am a practicing designer who motivated by the desire for knowledge through deep investigative research. With a past in product development, what excites me are ideas that promote radical change to address social and environmental issues. I am looking for an academic environment in which I can continue to explore different interpretations of design and how it affects people's lives.</p> |
| Education | <p>California College of the Arts BFA - Industrial Design Program</p> |
| Teaching Experience | <p>Senior Lecturer - Industrial Design Department & Graduate Design Department California College of the Arts <i>Urban Mobility Initiative</i> - designed summer intensive program centered on the the bicycle as a starting point for students to investigate social, ecological and methodological issues. <i>Framebuilding 1</i>- Investigative studio in bicycle frame construction. <i>Advanced Geometry Fabrication</i> - Studio for new form generation software and natural fiber composites construction. <i>ID2</i> - Introduction to design process and manufacturing techniques. <i>DC1</i> - Instruction in linear and non-linear elements of perspective for designers. <i>3D Studio</i> - Graduate studio investigating translocation of the self and environments. Teaching Assistant - <i>Form - Surface is the New Substance</i> - With Phillip Wood & Peter Stathis.</p> |
| Publications | <p>Editor and Layout Design - <i>Humble Pie</i> Writing Department, California College of the Arts</p> |
| Intellectual Property | <p><i>Prio Paper Cast</i> Design Patent Pending This is a lightweight, rapid deployment temporary cast for victims of large scale accidents and disasters.</p> |
| Exhibitions | <p>San Jose Biennale 2010 Playspace Gallery - Conflation Fall 2009 CCA Pop-Up Gallery sponsored by SF Art Buyers Assoc. - December, 2009</p> |
| Awards + Scholarships | <p>Student Leadership Award 2010 Finalist, James Dyson Award 2009 All College Honors Award and Scholarship 2009 Carmen M. Christensen Scholarships, 2007-2009</p> |
| Skills | <p>Developed new prototyping techniques in natural fiber composite structures. Extensive knowledge of rapid prototyping technologies. Emerging & traditional prototyping techniques. Team management and program development experience. Highly developed drawing and sketching skills. Machine shop: CNC and manual milling and lathe machines, CNC router. Wide range of knowledge of both manufacturing and art techniques. Excellent writing ability, including research, design theory and concept development.</p> |

Design-related Experience

- Currently working with start-up clients with projects moving into production.
- Currently working with nano-fiber composites start-up on materials development.
- Designed brake components for Italian Pro-Tour team for 2011.
- Intel sponsored studio in Fall of 2009 with focus on research into how people create collaborative work areas in public spaces.
- Gijs Bakker Workshop at California College of the Arts. Participated in a two-day workshop that focused on exploring the concept and storytelling.
- Solar technology focused studio sponsored by Ecole Polytechnique Federale de Lausanne that utilized cutting edge solar-cell materials.
- Currently working on packaging for businesses with social and ecological agendas.
- Haas School of Business and Virgin America joint project.

Professional Experience

Design and Development

10/2006-2008

Speed Research Inc.
San Carlos, CA 94070

Designed and developed a unique system that enables motorcycle riders to make adjustments for leg length and foot size. Created prototypes to solve vehicle fit issues, as part of the iterative design process. Delivered complete CAD model and engineering drawing package to client.

Design and Engineering

8/2003 - 8/2006

Fox Racing Shox, Inc.
Watsonville, CA 95060

Designed and developed suspension components for motor sports vehicles, responsible for creating concepts, and providing CAD models and drawings to meet customer specifications. Introduced rapid prototyping technologies to Fox, cutting development time and cost by half.

Design and Engineering

8/2001 - 8/2003

Titec Cycles, USA
Milpitas, CA 95035

Designed and developed Titec's first line of composite bicycle components. Created new test lab procedures and improved test equipment. Created CAD models and drawings for manufacturing. Titec Cycles was given the Editor's Choice award by *Bicycling* and *Mountain Bike* magazines for the new products lines.

Research and Development

9/1997 - 8/2001

RockShox, Inc
Colorado Springs, CO 80907

Responsible for research and development of new bicycle suspension technology, providing feedback to the engineering team through lab experimentation and field testing. Learned CAD software to contribute to the design process. Developed the first carbon fiber structure for a suspension fork. Used my knowledge from years of racing at the national level to inform development of high-performance products.

References and Portfolio

Available upon request.
Portfolio can be found at www.nicholasriddle.com