

EDUCATION BACHELORS IN INDUSTRIAL DESIGN
Auburn University Auburn, AL - 3.0 GPA, completed degree in 3.5 years

SKILLS GOOD DESIGN IS ALWAYS DIFFERENT, BUT DIFFERENT ISN'T ALWAYS GOOD

CONSISTENT RESULTS - With a proven design methodology I am able to consistently produce designs that answer the question "what is the best solution" in details and features, as well as overall product.

PROVEN DESIGN - A physical therapy design I recently improved and implemented is currently being patented, mass produced and made available to the consumer market.

VISUAL DETAILS - My experience, talents, and training in graphic as well as industrial design help me create aesthetically appealing products, with a complete product identity from design through branding, packaging, and print/web media.

MATERIALS A DIVERSE KNOWLEDGE OF MATERIALS IS KEY TO A WELL DESIGNED PRODUCT

PLASTIC - Experience designing products for mass production using CAD with specifications for injection molding, vacuum forming and rapid prototyping. Hands on experience making models and working prototypes with plastic.

METAL - Knowledge and experience of the requirements for designing products involving welding, casting, CNC, finishing and/or powder coating.

WOOD - Extensive experience working with wood for model making and product production. Designed and assembled prototype furniture for mass production under strict budgeting and target market requirements.

CLOTH - Experience designing for mass production as well as making models with cloth.

PROJECT MANAGEMENT EXPERIENCE PROVEN SUCCESS IN PROJECT MANAGEMENT IS A SKILL NOT ALL CAN ACQUIRE

OVERALL EXPERIENCE - Participated in project management, design, and development in fast paced business settings and have learned valuable collaboration, time management, and scheduling principles.

ADAPTIVE MOBILE MANAGEMENT - Managed multiple projects for customers in different states while traveling and have been commended for my work, communication, and delivery.

CORPORATE IDENTITY REDESIGN - Art Director in charge of the visual redesign and updating of a world renowned company. Redesign included new web site, logo updating and motion graphics, letterhead and communication templates, marketing video and brochures, trade show booth update, brochure updates and promotional CDs and give away's. I was given a raise due to my performance and ability to meet and exceed expectations.

WHAT MAKES ME DIFFERENT WHEN YOUR JOB IS YOUR PASSION, IT NO LONGER FEELS LIKE WORK

NATURAL ABILITY AND PASSION - My natural creative abilities and passion for design have been disciplined to produce aesthetically pleasing, user centered designs with attention to detail, and ease of use. I am constantly researching and keeping up to date on technology, products, and designs to learn from and be familiar with all options available for a design solution.

ANTHROPOMETRY - I have worked for one of the world's leading ergonomics companies for over two years and as a result, have gained a sound understanding of the principles and importance of ergonomics in design and a deep familiarity with anthropometric data, and how to use it to effectively enhance and complete my designs.

SELF-MANAGEMENT - I pride myself at being an honest and hard working employee. I strive to do my best every day and work hard to surpass my expectations as well as the expectations of others.

INTERNATIONAL DESIGN EXPERIENCE - I have led designers from other countries, with different backgrounds and language barriers, to achieve a final product with a unified focus and target market within budget parameters.

WORK
SAMPLES



PRODUCT DESIGN FOR MASS PRODUCTION - NEW PRODUCT DESIGN

Rotater® - A Physical Therapy Product For Shoulder - Auburn, AL [April 2006]

Commissioned to make a 3D model of an existing idea as well as to improve upon the looks, strength and overall design, while at the same time, minimizing the cost and amount of material required and making it anthropometrically friendly for diverse user group.

After extensive research and sketch studies, Solid Edge was used to make a 3D rendering that met the design and machine shop's specifications. After three revisions, the final model was produced using rapid prototyping, and then the file was sent to China to have plates machined for mass production via injection molding.

Learned how to work with a client in collaboration with a machine shop to develop a quality product that both made the customer happy, and met the machine shop's specifications.

PRODUCT DESIGN AND ENGINEERING

Human Powered Snow Vehicle - Auburn, AL



Senior year thesis project to challenge myself by designing a Human Powered Vehicle (HPV). After researching existing HPV's, I decided to design an HPV for a use I had not seen - cross country use on snow. Used Design Methodology to evaluate strengths, weaknesses and alternatives for every aspect of the vehicle from propulsion, traction and stance to steering, materials and adjustability. Began sketching out ideas and making study models for different components as well as for the overall design.

Final design incorporated a metal frame, with an adjustable independent rear suspension that allowed for a specially designed snow tire to float just deep enough in the snow for traction, while at the same time minimizing drag. Other design considerations included an adjustable seat, 5 speed gear shifting, and a custom designed torque-power gear converter.

Learned how to weld, about gear ratios, suspension design and geometry, as well as how to design from an engineering as well aesthetic point of view. Problem approach and solving abilities were challenged, refined, and improved.

DESIGN
SKILLS

2D Design
3D Design
Photography

Graphic Design
Model Making
Welding

Quick Sketching
Marker Rendering
Computer Rendering

Fabrication
Web Design
Ideation

COMPUTER
SKILLS

MAC OS X

Illustrator CS2/CS3
Photoshop CS2/CS3
Dreamweaver CS3
In Design CS2/CS3
GoLive CS2

Final Cut Pro
iWork '06
iLife '06
Aperture
Office for Mac 2004

WINDOWS XP

Solid Edge v17
Rhino
Photoshop 7/CS/CS2
Illustrator 10/CS/CS2
Premier Pro 1.5/2.0

Dreamweaver MX
Fireworks MX
Flash MX/8
Quark
Office 2004

ACHIEVEMENTS

WHY BE ORDINARY WHEN YOU BE EXTRAORDINARY

Study Abroad - Kaosuing, Taiwan Shu-Te University through Auburn University
[Two Months - Summer 2005]

Successfully climbed to the summit of the highest free-standing mountain in the world and the tallest mountain on the African Continent:

Mt. Kilimanjaro elevation 19,340 ft.

Lived in South Lake Tahoe, CA and Breckenridge, CO for 5 months each while working at Heavenly and Breckenridge Ski Resorts During College

Recently completed a self-funded six month around the tour visiting over 70 cities in more than 20 countries across five continents.

PREVIOUS
EMPLOYMENT

AUBURN ENGINEERS
Art Director

REFERENCES

AVAILABLE UPON REQUEST