Howard Hsu

Australia

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Howard Hsu completed the Bachelor of Industrial Design with first class honours in 2010, then he completed the Master of Lighting Design degree in 2011.

Howard is an industrial and lighting designer who works for Rooster Lighting in Taiwan since 2011. Howard has been actively involved into Taiwanese government's open bid projects, and the development of green energy lighting products. He is particularly interested in capturing the local cultural elements into his design.

Experience

Design consultant

Rooster Lighting

Taiwan
Mar 2011 - Present

Lighting concept design.
Luminaire design specialised in Solar + LEDs lighting.

Internship - Industrial Designer

NDD - New Design Domain

Tainan, TAIWAN
Jan 2009 - Feb 2009

1 month Internship with NDD, an award winning industrial design firm based in Taiwan.

Internal training includes: design concept sketching and foam model prototyping.

Education

Master of Lighting

Queensland University Of Technology

Brisbane, Australia
Feb 2011 - Nov 2011

GPA: 6.5

Study focus: Intelligent pathway lighting system.

Bachelor of Industrial Design, First Class Honours

Queensland University Of Technology

Brisbane, Australia
Feb 2007 - Nov 2010

GPA: 6.2

Major in Industrial Design
Minor in Lighting Design and Electrical Engineering

Professional affiliations

TechIES

IESANZ: The Lighting Society

Technician member: an Associate member who has successfully completed a lighting course accredited by the Society may apply for upgrade to Technician.

Member No: IES2575

Skills

Product Design | Development | Lighting Design

Observation and research skills help a designer to understand the people, technology and environment. And the ability to perform a quick concept sketching, use of 2D/3D softwares and prototyping skill will make the ideas jump out of my mind.

Proficient with the following softwares:
- Adobe Photoshop
- CorelDRAW
- SketchBook Pro
- Solidworks
- Keyshots
- AGi32
- Perfect Lite
- DIALux
- Microsoft Office

Achievements

2011 Australian Design Award - James Dyson Award

[Arthritis Handle]
- Round One Shortlist

2010 Winner of the QUT Innovation Space Initiative

The QUT Innovation Space is an entrepreneurial learning space where
students develop real-world skills relevant to transitioning initial concept ideas into the products and services of the future. Entrepreneurship is a learning-by-doing approach and the QIS is all about active learning and training from real-world people

$5000 worth of market research analysis generously donated by the Australian Institute of Commercialisation (www.ausicom.com). The market research analysis can be used as the next step to value-adding and commercialising the project.

[Winning Design: Micro-Irrigation Kit]

2010 Dean's List for Excellent Academic Performance

The Dean's List for Excellent Academic Performance acknowledges students who have achieved a semester Grade Point Average (GPA) of 6.50, or above, and who have completed a minimum semester credit point load of 24 credit points in one of the Faculty's undergraduate or postgraduate courses.

Certificate dates:
[Semester 1 - 2010]
[Semester 2 - 2010]

2009 IES - Intralux Student Luminaire Design Award Competition Winner

Design theme: Recycle, Reinvent, Illuminate...

[Winning Design: Q]
- Outstanding Creative Merit

QUT - Head of School's Award Winner

[Third Year Industrial Design - 2009]

Golden Key International Honour Society

This society provides international recognition of high academic achievement to the top 15 percent of undergraduate students across all qualifications.

[Membership granted since 2008]

Media release

Arthritis Handle to minimize injuries while lifting hot utensils

Published on Roundedoff.com

Arthritis Handle designed by Mr Ching-Hao Hsu from Queensland University of Technology has been shortlisted for the Australian Design Award.

[Click the title to read more]

Innovation Space for the entrepreneurs of tomorrow .

Published on Australian Innovation

Mircor-Irrigation Kit, the winner of 2010 QUT innovation space (QIS) initiative featured on Australian Innovation website...

[Click the title to read more]

Students' irrigation kit designed to save lives.

Published on QUT - News

It might look like a hessian sack but the micro irrigation kit designed by two Queensland University of Technology (QUT) students has the potential to transform the way developing countries access clean water...

[Click the title to read more]

RA sufferers armed with kitchen safety tool

Published on QUT - News

For sufferers of rheumatoid arthritis (RA), cooking tasks can be both difficult and dangerous. However, a new assistive technology invented by a Queensland University of Technology (QUT) student offers a safe way for people to lift cookware, relying on the strength of their forearms...

[Click the title to read more]

Student Designs Special Pot Handles For Those With Arthritis

Published on Inventor Spot

On the first short list of the James Dyson sponsored Australian Design Awards, the Arthritis Handle was clearly developed after significant research...

[Click the title to read more]

Arthritis relief may become reality

Interviewed by ABC (Australian Broadcasting Corporation) News Radio.

Afternoons with Georgia Stynes

[Click the title to listen the podcast @ blogs.abc.net.au]

Inventor gets handle on useful design

Published on Southern Star - Brisbane local newspaper
Published on News.com.au

A CALAMVALE designer has created an innovative kitchen product set to take the stress out of cooking for rheumatoid arthritis sufferers...

[Click the tile to read more]

New cooking aid developed for arthritis sufferers

Published on Gizmag (USA)

For those who suffer from rheumatoid arthritis, just taking a pan of boiling vegetables from the cooker to the sink can be an awkward and dangerous adventure...

[Click the tile to read more]

A lift for RA patients

Published on SAGA magazine (UK)

Heavy lifting with rheumatoid arthritis? Not a problem with this gadget!

[Click the title to read more]

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