

EDUCATION

Sept '06 - present

Technische Universiteit Delft | Delft, NL

Master of Integrated Product Design [expected June 2008]

Specialization in design for sustainability

Selected coursework

Product design studios (4), environment, business & design, vision in product design, life cycle engineering and design, smart systems & technologies, advanced design support.

Sept '02 - June '06

Massachusetts Institute of Technology | Cambridge, MA

Bachelor of Science in Mechanical Engineering

Sept '02 - June '06

Bachelor of Science in Architectural Design

Selected coursework

Design studios (4), product engineering process, product design and development, design & manufacturing I + II, mechanics & materials I + II, thermal-fluids I, computational design, history & theory of architecture.

EXPERIENCE

Feb '07 - July '07

LEDs in Glass | Philips Lighting BV & TU Delft | Delft, NL | *Industrial Designer*

Developed, designed, and prototyped an electrical connection for LEDs electrically connected in glass by a spray on, lasered circuit in a team of 5. Optimized the electrical matrix of the system.

Oct '05 - June '06

Temporary Relief Shelters | MIT | Cambridge, MA | *Thesis Researcher*

Developed a cheap, temporary solution for victims of natural disaster. Emphasis on using local and recycled materials, easy assembly, usage, & possibility for mass production.

July '05 - Sept '05

Charcoal for Haiti | Edgerton Center & CAD Lab | Cambridge, MA | *Researcher*

Designed testing methods & a rotational compacting device to make charcoal briquettes out of waste sugarcane for Haiti.

July '05 - Aug '05

Website Design | CCTI | Cambridge, MA | *Web Designer*

Redesigned the website of Cambridge Chemical Technologies, Inc.

Sept '04 - Dec '04

VacPak | MIT | Cambridge, MA | *Product Designer*

Coordinated and managed the ergonomics and form factor aspects for the prototype of a portable vaccine fridge for off-grid transport in developing countries, *patent pending*.

Jan '04 - Oct '04

Edgerton Center | MIT | Cambridge, MA | *Research Assistant*

Recorded and analyzed high-speed video of MIT athletics for development into a performance analysis & learning tool.

Oct '02 - Sept '03

Mars Gravity Mice to Mars Group | MIT | Cambridge, MA | *Researcher*

Assisted in the design and prototype of an atmospheric & filtration system for 18 mice living in space.

SKILLS

Word, Excel, PowerPoint, Photoshop, Illustrator, InDesign, HTML, Dreamweaver, CSS

AutoCAD, SketchUp, SolidWorks, MAYA, Rhino, 3DSMax

Mill, lathe, thermal forming, injection molding, power tools

Fluent spoken Chinese, Fair spoken/written Dutch

VARIOUS

Student assistant, J.C. Diehl, *Internationalization* [Winter 2007]; Alex Slocum, *Design &*

Manufacturing I [Spring 2005]; **English teacher**, Changping University [Spring 2004]

Photographer, MIT Yearbook *Technique* [2004-2006]

Graphic designer, posters and screen printing for various organizations

Fencer, sabre, NCAA starter [2002-2006]

Disc Jockey, WMBR 88.1 *Out of the Trashcan* [2003-2006]

Volunteer, 2007 Rotterdam Film Festival (IFFR), Motel Mozaique music festival [2007]

Cellist, Krashna Musika [2007-2008]; MIT Symphony Orchestra [Winter 2003]; NCSSM Symphony, co-principal [2001-2002]; Triangle Youth Symphony, co-principal [2001]