

Experience

Bare Conductive Ltd. Director and Co-Founder. Technology startup formed around skin safe conductive ink invented while studying at the Royal College of Art, 2008-Present.

B.R.E.A.D. Ltd. Designer and Co-Founder. Product design studio based in London UK. Current projects include consumer products, contemporary art installation design and medical prosthesis, 2009-Present.

The Royal College of Art, Graduate tutor. Managing design modules, workshops and design critique sessions as well as providing technical tutoring. 2009-Present.

SymbioticA the Art and Science Collaborative Research Laboratory, intern. Developed low cost bioreactors for use in human and animal tissue culturing. Mechanical development for the "Silent Barrage" project which uses living cell cultures to control mechanical elements, 2008.

Skills

Proficient with Adobe Photoshop, Illustrator, InDesign and Premier CS3. Working knowledge of Solidworks, and Rhinoceros.

Strong knowledge of mechatronics including Arduino, Max Msp, and basic circuits for working with various components.

Prototyping and building experience including development of working, high precision medical devices.

Fabrication skills including metal work, model making, mig welding, and tig welding. Fiberglass and Carbon Fiber lay up and mold making experience.

Vehicle Development including engine tuning, chassis and suspension setup for both cars and motorcycles.

References

Miles Pennington, Head Professor
Industrial Design Engineering, The Royal College of Art.
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Oron Catts, Director of SymbioticA,
The Arts and Sciences Collaborative Research Laboratory.
oron@symbiotica.uwa.edu.au, + 61 8 6488 7116, SymbioticA,
School of Anatomy and Human Biology. Mailbag M309,
University of Western Australia, 35 Stirling Highway, Crawley.
6009 Western Australia, Australia.

Education

Masters of Art in Industrial Design Engineering (MA), with professor's commendation, The Royal College of Art London, UK 2007-2009.

Masters of Science in Industrial Design Engineering (MSC), with distinction, Imperial College of Science and Technology, London, UK, 2007-2009.

Bachelors of Art, The Colorado College, Colorado Springs, CO. Major: Economics, Minor: Studio Art. GPA: 3.75. Cum Laude, 2001-2005.

Exhibitions, Honors, and Awards

Presentation of "Bare, Skin Safe Conductive Ink" at ARS Electronica Festival, Linz Austria, 2009.

Distinction, Royal College of Art Dissertation, "Personality, Psychology and the Automobile," 2009.

Best Structure, Royal College of Art "Essemplastic Structures" project in collaboration with the Design Research Lab at the Architecture Association, 2007.

Best Design, runner up. Royal College of Art Lifephone project sponsored by Hutchison Whampoa and 3 Mobile, 2008.

The Colorado College, Phi Beta Kappa Honors Society, Honors Graduate in Economics, Dean's List, 2003-2005.

Personal

Solo circumnavigation of the globe by motorcycle. www.5pairs.com, 2006-2007.

Private Pilot, have soloed in sailplanes, and tricycle gear aircraft. Currently working towards a "tail dragger" certificate.

Special Needs Experience, extensive experience tutoring, learning from, and working with persons with disabilities.

Athletic Experience, avid downhill skier, telemark skier, runner and cyclist.