

November 2013

CURRICULUM VITAE

Amit Baum

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PERSONAL DETAILS

Date of birth: 06.03.1986
Place of birth: Haifa, Israel
Citizenships: Israeli; Italian
Languages: Hebrew; English; Italian; Spanish; French; Dutch;

ACADEMIC BACKGROUND

Degree	Field	Institution	Dates
M.Sc.	Sustainable Energy Systems	PoliTo - Politecnico di Torino <i>Module: Energy Efficiency in Buildings</i> <i>Thesis: Parametric Metadatabase for Environmental Laws in the EU</i> <i>Research: Solar-Driven Membrane Desalination</i> KTH - Royal Institute of Technology <i>Module: Energy Polygeneration</i> <i>Research: Rural Energy Polygeneration in India</i> <i>Research: Sustainable Urban District in China</i>	2011-2013
B.Sc. - Cum Laude	Agricultural Engineering	Technion - Israel Institute of Technology <i>Modules: Machinery and Ecology</i> <i>Research: Municipal Solid Waste Composter</i>	2004-2009

WORK EXPERIENCE

Position	Institution	Dates
Engineering Intern	Ecoinside - soluções em ecoeficiência e sustentabilidade, Lda, Porto, Portugal	2013
Mechanical Engineer	Scientists Town R&D LTD, Jerusalem, Israel <i>Patent: Smart Building Construction</i>	2009-2010
Class Teacher	Perach Tutorial Project, Haifa, Israel	2005-2007

AWARDS

Name	Institution	Dates
Philips Innovation Award (PHIA) for Sustainability	FrieslandCampina, The Netherlands	2013
SELECT Scholarship	KIC InnoEnergy, The Netherlands	2011-2013
Best Course Project	Energy Management Course, KTH, Sweden	2012
Dean's List (4 times)	Technion - Israel Institute of Technology	2006-2008
Excellence Prize for Undergraduate Students	Ministry of Agriculture, Israel	2006

COMPUTER PROGRAMS

Solidworks; Ansys; Mathematica; Matlab; MathCad; EES; C; Pascal; Basic; Lindo; Arc-GIS; SimaPro; HOMER; DIALux; DesignBuilder; SketchUp; PhotoShop;

EXTRA CURRICULUM

Activity	Description	Dates
Volunteering Organizations	Jerusalem Vegetarian Community Center; University Clubs: SELECTers, EWB, Entrepreneurs, Poetry;	2005-2013
Sport	Worldwide Cycling: Europe, South-America; Track & Field Israeli Championships; Karate Israeli Championships;	2001-2013