

PERSONAL DETAILS

Name: Dávid Varga
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E-mail: mail.david.varga@gmail.com
Nationality: Hungarian
Place/date of birth: Spain (Madrid) 05.09.1987
Marital status: Single



EDUCATION

- 2012-2014 **Msc in Sustainable Energy Technology** (*Joint programme of 3TU*)
Delft University of Technology (TUDelft)
Faculty of Applied Sciences, Delft, Netherlands
Title of Degree: *Sustainable resource scheduling for crop based control for cyber-physical greenhouses exploiting renewable energy: Development of a forecasting model based scenario planner*
- 2007-2011 **Bsc in Environmental Engineering**
Budapest University of Technology and Economics (BUTE)
Faculty of Chemical Technology and Biotechnology, Budapest, Hungary
Title of Degree: *Energy efficient integrated architectural layout*
Additional courses: Mechanical Engineering, BUTE
Faculty of Energy Engineering (MSc.)
- 2002-2007 Károlyi Mihály Spanish-Hungarian Bilingual School, Budapest, Hungary

WORK EXPERIENCE

- 2013.09.-2014.06. **Innovator** at PRIVA, Department of Innovation & Research,
De Lier, The Netherlands
Internship : Blueprint for Greenhouse Climate Installations
-Develop a modular hydraulic and energetic design methodology for greenhouse installations usable in all relevant climate zones, including (new) sustainable climate system techniques.

Graduation project:
-Develop a scenario planner for long term strategical support and for the revolution towards sustainable greenhouses. Resource optimization, renewable energy integration and cost analysis for the new generation greenhouses.
- 2012 (4 month) **Export sales account manager**, All Nutrition Ltd.-Scitec Nutrition,
Budapest, Hungary
Account management : daily contact with key spanish customers
- market research and marketing campaigns
- order and dept management
- contract manufacturing preparations
- transportation, complaint handling and daily reports

- 2010-2012 **Sales representative**, Polaris-N Systems Ltd, Budapest, Hungary
 -Sales representative of weak current systems: (IT services, access systems, IT network building, digital surveillance systems...)
- 2010 **Internship** (3 months), Grupo Ortiz Construcciones (Madrid)
 -Energy balance and monitoring for new bioclimatic offices with renewable energy systems (heat pumps and solar collectors)

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| ADDITIONAL SKILLS |
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| Languages | Hungarian | Native language |
| | English | Fluent |
| | Spanish | Fluent |
| | Chinese | Beginner (1 module) |

Other work

- 2008-2010 *Marketing and PR*, Local Committee of IAESTE of BUTE, Budapest (Hungary)
 (cold calls, marketing campaigns and organizing events; voluntary work)
- 2005-2008 *Marshall, Course Supervisor and Receptionist* (summer work)
 Pólus Palace Thermal Golf Club Hotel, Göd (Hungary)

Publications Can be found directly on www.researchgate.net/
 Or through my LinkedIn profile:
 <http://nl.linkedin.com/in/dvarga1/>

2014 *Integration of renewable energy sources into the energy supply flows of greenhouses: Development and validation of a forecasting model*
 Tenth International Symposium on Tools and Methods of Competitive Engineering (May 19-23), Budapest, Hungary

2011 *Integration of Sustainable Energy Systems in Architecture in Hungary*
 Hungarian Energy (April), Hungary

Competitions

2012 Solar Dechatlon Europe (www.sdeurope.org)
 Environmental Protection Leader of Solar Dechatlon Europe BME team
 (www.odooproject.com)

2010 Academic Student Conference of Budapest University of Technology and Economics (*Energy efficiency in bioclimatic buildings*)

Driving B category driving licence (2006)

Interests Travelling, experiencing nature, sports (soccer, golf and gym)