



Werner Marcelo Goldmann Valdés

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Student of M.Sc. (Tech.) in the University of Oulu (2012)

Environmental Engineering with minor in Clean Production

Thesis in development in design and optimization of a distillation system

- B.Sc. in Chemical Engineering with minor in Industrial Engineering from Monterrey Institute of Technology and Higher Education (ITESM)
- B.Sc. in Chemistry with Marketing with Minor in Instrumental Analysis from Reutlingen University
- Worked as a Research Assistant in the Heat and Mass Transfer Laboratory of the University of Oulu testing TiO₂-nanofibre catalysts performance in the mineralization of n-butanol (2011)
- Research Consultant in a NASA/CEOS project researching the link between particulate matter pollution and cardiorespiratory mortality in Monterrey, Mexico in 2010
- Assistant to Production Manager in GE Drives, documenting manufacture processes and elaborating Job Safety Assessment data sheets in 2008
- Native language Spanish
- Fluent in English and German
- Learning Finnish
- Proficient in Windows OS and MS Office software
- Proficient in engineering suites Aspen Plus and Aspen Hysys
- Basic knowledge of COMSOL Multiphysics, Matlab, and programming languages Fortran and C#
- Good knowledge of graphic design software Adobe Photoshop and Corel Painter.
- Awarded an Erasmus Mundus mobility grant for his Master studies in 2010
- Outstanding Performance award on the Professional Examination of Chemical Engineering in 2010
- Honorary Mention by ITESM for having a final grade-average of 92%
- Member of ACS since 2012, TEK since 2010, and AIChE since 2008
- Hobbies include board roleplaying games
- acoustic guitar
- reading thriller and fantasy books
- and listening to metal music.
- Main traits: Responsible, Rational, and Effective