



❖ DATOS PERSONALES

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❖ FORMACIÓN ACADÉMICA

Doctorado en Lenguajes y Sistemas Informáticos e Ingeniería del Software

Ingeniería en Computación

❖ POSICIÓN ACTUAL

Profesor – Investigador de tiempo completo, adscrito a la División de Estudios de Postgrado de la Universidad Tecnológica de la Mixteca.

❖ LÍNEAS DE INVESTIGACIÓN

Mejora al Proceso Software

❖ PUBLICACIONES

- Cano, E., Ruiz, J. & García, I. “Integrating a Learning Constructionist Environment and the Instructional Design Approach into the definition of a Basic Course for Embedded Systems design” *Computer Applications in Engineering Education*, 2013. (Early View). ISSN: 1099-0542.
- García, I. & Pacheco, C. “A constructivist computational platform to support mathematics education in elementary school” *Computers & Education*, 66(2013): 25-39, 2013. (ISSN: 0360-1315).
- García, I. & Guzman, E. “A constructivist approach for implementing and evaluating algorithms in a machine vision course at the undergraduate level” *Procedia-Social and Behavioral Journal*, 2012. (ISSN: 1877-0428).
- García, I., Pacheco, C. & Ruiz, J. “Incorporating an ethnosemiotic approach for literacy education of the Zapoteca language in Mexican indigenous communities” *Procedia-Social and Behavioral Journal*, 2012. (ISSN: 1877-0428).
- Pacheco, C. & García, I. “A Systematic Literature Review of Stakeholder Identification Methods in Requirements Elicitation” *Journal of Systems and Software*. Elsevier, 2012. ISSN: 0164-1212.

- Garcia, I. & Pacheco, C. "Using TSPi and PBL to Support Software Engineering Education in an Upper-Level Undergraduate Course" *Computer Applications in Engineering Education*, 2012. (Early View). DOI: 10.1002/cae.21566. ISSN: 1099-0542.
- Guzman, E. & Garcia, I. "Using the Project-Based Learning approach for incorporating an FPGA-based integrated Hardware/Software Tool for implementing and evaluating Image Processing Algorithms into Graduate Level Courses" *Computer Applications in Engineering Education*, 2012. (Early View). DOI: 10.1002/cae.21563. ISSN: 1099-0542.
- Garcia, I., Pacheco, C. & Martinez, A. "Identifying Critical Success Factors for Adopting Small Business CRM: a Framework for Small and Medium Enterprises" *Studies in Computational Intelligence*, Springer-Verlag. Vol.378. pp. 1-13, 2012. ISSN: 1860949X.
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- Garcia, I., Pacheco, C., Cruz, D. & Calvo-Manzano, J. "Implementing the Modeling-based Approach for Supporting the Software Process Assessment in SPI initiatives inside a Small Software Company" *Studies in Computational Intelligence*, Springer-Verlag. Vol.377. pp. 1-13, 2011. ISSN: 1860949X.
- Garcia, I., Pacheco, C. & Garcia, J. "Enhancing Education in Electronic Sciences using Virtual Laboratories developed with Effective Practices" *Computer Applications in Engineering Education*, 2011. (Early View) ISSN: 1099-0542.
- Garcia, I., Pacheco, C. & Cruz, D. "Implementation of a RIA Tool for Supporting a Collaborative Initiative of Software Process Improvement" *Proc. of the 8th International Conference on Cooperative Design, Visualization and Engineering, CDVE 2011. Lecture Notes in Computer Science 5738*. ISSN: 0302-9743. ISBN: 978-3-540-88010-3. 2011.
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 - Garcia, I. & Pacheco, C. “Experiences of Implementing a Software-Subcontracting Management Model in Small-size Enterprises” Applied Computer Science, WSEAS, pp. 163-172, September 2010. ISSN: 1792-4863

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