MACIAS ESTRADA, Adrian

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Education
- PhD Student, Engineering Sciences Doctoral Program, Sonora Institute of Technology (ITSON), Mexico, Sep-2017- Present
- M.Sc. in Computer Science, Center for Scientific Research and Higher Education at Ensenada (CICESE), Mexico, 2002 – 2004
- Electronic engineering, Sonora Institute of technology (ITSON), Mexico, 1997-2001

Publications
- Macias, A., Ramos, J., Valdez, C., Garcia, I., Paez, G., Caro, K., & Castro, L. A. (2019). Mobile monitoring parents' behaviors for supporting self-management in children with disabilities. Journal of Ambient Intelligence and Humanized Computing, 1-12.
- Macias, A., Caro, K., Castro, L. A., & Domitsu-Kono, M. (2018, May). ID4IDS Methodology: Toward Inclusive Design for Individuals with Down Syndrome. In Proceedings of the 12th EAI International Conference on Pervasive Computing Technologies for Healthcare (pp. 263-268). ACM.
- Macias, A., Caro, K., Castro, L. A., Sierra, V., Ahumada, E. A., & Encinas, I. A. (2017, November). Exergames in Individuals with Down Syndrome: A Performance Comparison Between Children and Adolescents. In International Conference on Smart Objects and Technologies for Social Good (pp. 92-101). Springer, Cham.
- Macias, A., & Castro, L. A. (2017, November). Mastery Motivation of Children with Down's syndrome in Naturalistic Environments. In Proceedings of the 8th Latin American Conference on Human-Computer Interaction (p. 20). ACM.

Important Events
- 1st ACM SIGCHI Summer School on Pervasive Computing Interaction for binational Challenges, Ensenada Baja California, México, September 2017.
- Graduate Colloquium, Research Theme "Identification of Motivation of Children with Down Syndrome in Naturalistic Environments", 1st ACM SIGCHI Summer School on Pervasive Computing Interaction for binational Challenges, Ensenada Baja California, México, September 2017.
- Graduate Colloquium, Research Theme "Mastery Motivation of Children with Down's syndrome in Naturalistic Environments", VIII Latin American Conference on Human-Computer Interaction, Antigua, Guatemala, November 2017.

Professional Experience
- 12 years as a lecturer, teaching the following courses at the undergraduate level: Programming I, Web Application Development, Distributed Systems, Software Design, Software Architecture, Object Oriented Analysis and Design, Systems Design in Internet and Intranet, Design and Development of Enterprise Applications in the academic program of Software Engineering, Sonora Institute of technology, Mexico.
- 11 years of experience working as Technical support for Operative Systems Integrator (ISOSA), which had as main client to the Ministry of Finance and Public Credit (SHCP), Mexico, 1992-2002.
- 1 year of experience working as Technical Support for the Ministry of Finance and Public Credit (SHCP), Mexico, 1990-1991. Main activities: Applications development, technical support in Operating Systems, database and Software applications.