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## CURRICULUM VITAE

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NAME: Ramón Ventura Roque Hernández	CURRENT POSITION
Universidad Autónoma de Tamaulipas, México Facultad de Comercio, Administración y Ciencias Sociales de Nuevo Laredo	Faculty member

EDUCATION		
INSTITUTION	DEGREE	FIELD OF STUDY
Instituto Tecnológico de Nuevo Laredo, Nuevo Laredo, Tamaulipas, México	Computer Systems Engineer	Computer Systems (Software development)
Instituto Tecnológico de Nuevo Laredo, Nuevo Laredo, Tamaulipas, México	Master of Science in Electronic Engineering	Robotics, Control algorithms
Universidad de Vigo Vigo, Spain	Phd in Telematics Engineering	Software Engineering
Universidad José Martí de Latinoamérica Monterrey, Nuevo León, México	Phd in Education	Education
Universidad José Martí de Latinoamérica Monterrey, Nuevo León, México	Post-doctoral education	Education / Emerging trends of thought

### Peer Reviewed Publications (past five years only - 2017-2021)

#### Papers in Journals / Magazines (Titles are presented in English).

Acceptance and assessment in student pair programming: A case Study. International Journal of Emerging Technologies in Learning IJET. WOS, SCOPUS. May 2021.

Instructor presence, interactive tools, student engagement, and satisfaction in online education during the COVID-19 Mexican lockdown. Interactive Learning Environments. WOS, SCOPUS. May 2021.

Towards the construction of productive interactions for social impact. MDPI Sustainability. WOS, SCOPUS, 2021.

How Did the Teaching and Learning of Practical Courses in Information Technology Change with COVID-19? Revista Iberoamericana para la Investigación y el Desarrollo Educativo. CONACYT INDEX. 2021.

Solo, pair or Mob programming: Which should be used in university? Revista Apertura. CONACYT INDEX. 2020.

Design of an instrument to measure the acceptance and perceived benefits of pair programming in university courses. Revista Acta Universitaria. CONACYT INDEX. 2020.

Transforming Data into Wisdom: Exploring the Current Situation in Maquiladoras in Nuevo Laredo, México. Revista RIIIT. CONACYT INDEX. 2020.

Collaborative programming. From the necessity of its use to the psychology of its interactions. *Revista Dilemas contemporáneos: Educación, Política y Valores*. CONACYT INDEX. 2020.

Analysis of knowledge generation in the El Cielo Biosphere Reserve, Mexico, and the link to its management program. *WOS, CONACYT INDEX*. 2020.

Evaluation of technical and human aspects in collaborative work as a teaching strategy in university programming courses. *Revista Voces de la Educación*. CONACYT INDEX. 2020.

The importance of environmental education in students: analyzing the transition from middle to high school in Nuevo Laredo, Tamaulipas, Mexico. *Agroproductividad*. WOS, CONACYT INDEX. 2020

Virtual Reality: Realities, Prospectives and Perceptions of Information Technology University Students. *Revista Dilemas contemporáneos: Educación, Política y Valores*. CONACYT INDEX. 2019.

Comparison of Pair and Solo Programming through software metrics in University Students' Projects. *Revista Iberoamericana para la Investigación y el Desarrollo Educativo*. CONACYT INDEX. 2019.

Awareness and Training to Increase Cyber-Security in University Students. *Revista PAAKAT*. CONACYT INDEX. 2018.

Preliminaries to design a plan of training and awareness in cyber-security: Differentiating knowledge, habits and perceptions of users of different ages. *Revista Dilemas contemporáneos: Educación, Política y Valores*. CONACYT INDEX. 2018.

Identification of profiles in the satisfaction of users of digital repositories through a regression tree. *Revista Iberoamericana para la Investigación y el Desarrollo Educativo*. CONACYT INDEX. 2018.

Comparison of tools for the creation of interactive multimedia applications in the university environment. *Revista Vinculatógica EFAN*. Universidad Autónoma de Nuevo León. México, 2017.

A Practical Approach to the Agile Development of Mobile Apps in the Classroom. *Revista Innovación Educativa*. Instituto Politécnico Nacional. CONACYT INDEX. México, 2017.

### **Books (Titles are presented in Spanish).**

El proceso de enseñanza-aprendizaje en las asignaturas de desarrollo de software desde el pensamiento complejo (Author). Editorial Fontamara. México, 2021. ISBN in process.

Desarrollo Regional y Sustentabilidad Social – Tomo 1: Sustentabilidad, Administración y Economía (Co-Coordinator). Editorial Colofón. México, 2021. ISBN in process.

Temas selectos de Desarrollo de software (Author). Editorial Colofón. México, 2020. ISBN 9786078626656

Sustentabilidad y competitividad global en las organizaciones (Co-Coordinator). Fomento Editorial UAT. México, 2019. ISBN 9876078626779

Administración informática y sustentabilidad (Co-Coordinator). Editorial Palibrio. México, 2015. ISBN 9781463398866