



Individual Industrial Member:

Derek Rodríguez Pacheco

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Short CV:

ACADEMIC BACKGROUND

2005	Conbi College Primary and Secondary School	San José, Costa Rica
2014	Universidad de Costa Rica (www.ucr.ac.cr) Licentiate Degree in Civil Engineering Emphasis in Structural, Soil and Environmental Engineering	San José, Costa Rica
2018	Université Grenoble Alpes Istituto Universitario di Studi Superiori di Pavia Master's Degree in Earthquake Engineering	Grenoble, France Pavia, Italy
2018-Nowadays	Università degli studi di Pavia Istituto Universitario di Studi Superiori di Pavia PhD candidate in Earthquake Engineering	Pavia, Italy Pavia, Italy

MEMBERSHIPS AND CERTIFICATIONS

- ACI (American Concrete Institute) Concrete Field Testing Technician – Grade 1 (Until 08/08/2017).
- LEED Green Associate Certified (GBCI# 10805932).
- Member of the Costa Rican Association of Structural and Seismic Engineering (ACIES) since 2014. Website: www.civiles.org/acies.html.
- Member of the American Institute of Steel Construction (AISC) since 2014. Website: www.aisc.org.
- Member of the American Concrete Institute (ACI) since 2013. Website: www.concrete.org.
- Member of the U.S. Green Building Council (USGBC) since 2013. Website: www.usgbc.org.
- Member of the Federated College of Architects and Engineers of Costa Rica (CFIA) since 2014. Website: www.cfia.or.cr.

LANGUAGES

- Spanish: Mother tongue.
- English: Advanced.
- Italian: Intermediate (Currently B1 level)
- French: Basic (Currently A2 level)
- German: Basic (Currently A2b level).

ADDITIONAL STUDIES

2014: Design of Steel Structures – Module I, College of Civil Engineers of Costa Rica (CIC)

2014: Design of Steel Structures – Module II, College of Civil Engineers of Costa Rica (CIC)

2015: Design of Wood Structures, National Laboratory of Materials and Structural Models of the University of Costa Rica (LANAMME)

2016: Seismic Design of Buildings with Post-Tensioned Slabs, Post-Tensioning Institute (PTI)

WORK EXPERIENCE

Gestión y Consultaría Integrada GCI S.A. (www.gci-ing.com)

Consulting firm in structural, civil and electromechanical engineering

Structural Engineer and Public Bidding Coordinator (Abr 13-Ago 16 & June 18-Oct 18)

Mosayk SRL (www.mosayk.it)

Consulting firm in structural analysis and modelling

Structural Analysis Software Developer (March 18-June 18)

ATTENDANCE TO SPECIAL EVENTS

- IV International Seminar ACI 318S-14, “New dispositions and Organization”, in San José, Costa Rica, 2015.
- ACI Concrete Convention and Exposition in Denver, CO, U.S.A., 2015.
- Seismic Design of Buildings with Post-Tensioned Slabs Seminar, in San José, Costa Rica, 2016.
- ACI 9th International Workshop: Structural Concrete in the Americas and Beyond, in Denver, CO, U.S.A., 2015.
- III International Nigel Priestley Seminar, in Pavia, Italy, 2017.

PUBLICATIONS

Rodríguez D, Rodríguez M, Picado K. (2013). “Analysis of structural reinforcement alternatives for the bridge above the Torres River”.
Investigation Project, Universidad de Costa Rica.

Rodríguez D. (2014). “Analysis of the sustainability elements according to the LEED Rating System of the design and construction of the new building of the Social Studies Faculty of the University of Costa Rica”
Thesis for the Licentiate Degree in Civil Engineering, Universidad de Costa Rica.