

Ariel Castillo

Construction Technology Specialist

Aiming to be a catalyst and an agent for change in the adoption of new technologies to improve the construction industry and how we collaborate throughout the entire life cycle of AEC projects.



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WORK EXPERIENCE

Strategic Process and VDC Specialist

Miller-Davis Company

02/2020 - Present

Kalamazoo, MI

Achievements/Tasks

- Successfully developed Miller-Davis' digital transformation roadmap and lead the company's innovation agenda.
- Implemented multiple digital tools (ie. Build, Pype, and BuildingConnected) to digitize the project management and preconstruction departments.

Co-Founder and Operations Manager

BIMTECH

08/2016 - 01/2020

Santo Domingo, DR

Achievements/Tasks

- Assist clients in the implementation of new products and technologies to improve construction workflows.

Project Engineer & BIM Coordinator

Miller-Davis Company

05/2014 - 03/2016

Kalamazoo, MI

Achievements/Tasks

- Coordinated Virtual-Design Construction (VDC) process of a US\$48-million project, a 750-bed educational residence hall, identifying and resolving over 2,000 construction conflicts.

EDUCATION

Master of Science in Civil Engineering

Western Michigan University

08/2012 - 12/2014

Kalamazoo, MI

Thesis

- Development and Implementation of a Framework for a BIM-Based Site Layout System.

Master of Engineering in Construction

Instituto Tecnológico de Santo Domingo

03/2011 - 12/2012

Santo Domingo, DR

Thesis

- BIM Execution Guide for Maintenance Purposes on Gubernamental Projects in the Dominican Republic

Bachelor's Degree in Civil Engineering

Instituto Tecnológico de Santo Domingo

11/2006 - 03/2010

Santo Domingo, DR

Honors

- Magna Cum Laude

SKILLS

Autodesk Build

BuildingConnected

AEC Collection

BIM

Analytical Thinking

Leadership

Resilient

Forward Thinking

Detail Oriented

Consulting

CERTIFICATES

AGC's CM-BIM Certified Instructor

AGC of America's Building Information Modeling Education Program.

Construction Management Specialization

4-course specialization by Columbia University on Coursera.

AWARDS

AU 2023 - Top Rated Speaker (2023)

Autodesk Univeristy 2023

40 Under 40: Construction Champions of 2019 (2019)

Autodesk's Digital Builder

CONFERENCES (SPEAKER)

CLIC 2022 - 4th Lean Congress (11/2022)

Cancún, Mexico

AGC IT 2022 (08/2022)

Chicago, IL

Over 50 speaking opportunities in since 2018

USA & Latin America

LANGUAGES

English

Native or bilingual proficiency

Spanish

Native or bilingual proficiency

Portuguese

Professional proficiency

INTERESTS



Extreme sports



Flying



Music and dancing



Wine



Traveling / Backpacking



Podcasting

Additional work experience and references available upon request.