

BIM Technician

Michelle Espinoza

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Career Goal

To obtain the position of a drafter in an organization based on my college background and I am able to build on to my current 3D modeling knowledge and experience. I have 2 years of Professional Structural Drafting using Revit. I obtained an Associates degree in Computer Aided Drafting and Design in 2017 and I'm currently pursuing a Bachelors Degree in Graphic Design, 3D modeling and Animation.

Work Experience

BIM Technician

Armstrong-Douglass Partners

January 2018 to Present

- Work closely within our staff of about 15 engineers to produce commercial structural engineered designs for about 200 projects a year.
- Experience drafting all different framing types including wood, steel, and concrete for projects in education, commercial, retail, multi-family, etc.
- Utilized Autodesk Revit to develop 3-dimensional models of structural design per basic guidelines given by Senior Engineer.
- Creating templates with company standards and used those to generate new projects. This includes transferring project standards, linking architectural models, editing visibility/graphics settings, view range, etc.
- Manipulate existing 2D drawings into accurate and clear 3D models.
- Also, civil drafting experience creating elevation contour and damage plans.

Relevant Project Experience

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|------------------------------|-------------------------------|
| • At Home Stores | • Manara Plano School |
| • Harking Theater Denver | • Tyler Technologies Gen Set |
| • Chuy's Restaurants | • St. Mark's Bell Tower |
| • Rayzor Ranch Senior Living | • Methodist Charlton Cath Lab |
| • Residences at Grassdale | • Metro West Apartments |

Education

Bachelor's in Graphic Design, 3D Modeling and Animation

Southern New Hampshire University

September 2019 to Present, Graduation October 2020

Associates Degree in Computer Aided Drafting and Design

Certified Advanced CAD Operator

Certified Residential Drafter

Mountain View College, 2017

Skills

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|-------------------|---------------|
| • Revit 2017-2020 | • Photoshop |
| • AutoCAD | • 3DS Max |
| • SolidWorks | • Illustrator |