3D Reality Capture - Intern/Technician

Job Overview

Wesbuilt is looking for BIM/VDC Interns with Architecture and Engineering backgrounds to our work closely with our senior office staff. Ideal candidates have advanced knowledge of virtual design and construction, good data analytics skills and strong desire to be part of teams working on a wide range of construction projects. Potential interns should be curious, inquisitive and passionate about technology in the AEC industry.

Company Goal

The company has a simple goal with respect to BIM. By end of 2021, every employee must be actively involved in our BIM process, **COLLAB**. This includes estimating staff, safety staff, APM's, Site Supers, Assistant Site Supers and senior laborers.

Primary Roles and Responsibilities:

- Travel frequently with laser scanner equipment to document existing spaces & active construction sites
- Oversee quality & processing of Recap point clouds collected by 3D laser scanner after site visit
- Communicate on a daily basis with external drafters & project team members
- Assist BIM Manager with Revit & Naviswork model file management
- Attend Walkthroughs with Estimating department & assist with point cloud file distribution when needed.
- Generate composite Autodesk Files for Project management department for shop drawing review

Required skills:

- Familiar with 3D software
  - Autocad
  - Revit
  - Navisworks (Preferred not expected)
- PowerPoint, Outlook and other basic computer skills
  - Model management and coordination
  - Become proficient in the use the software tools that are needed for the coordination of the activities of reviewing, control and management of the BIM process. These will include:
    - Navisworks,
    - Revit
    - BIM Track
    - Procore including Procore BIM tools

Reality Capture Technician

Training:

- Wesbuilt will provide initial training on both Navisworks and Trimble software.
- Candidate will be responsible for continuous upskilling on various software's as we develop our technology roadmap
- Candidate must demonstrate a passion for self-learning and adapting to new processes

References

- This explains 3D Laser Scanning, kicking-off with an important recap on what itself actually means: 3D Scanning for Architecture, Engineering & Construction | Matterport

Career Opportunities

- At Wesbuilt, we encourage ingenuity, creativity and growth.
- The opportunities are limitless in the field of Virtual Design and Construction.

Suggested Course

- We encourage that the following course is completed.
    - Matterport Academy | Matterport
    - https://www.linkedin.com/learning/paths/become-a-bim-coordinator

All interested parties may contact Michael Tobin (mt@wesbuilt.com) for more information.