Scott P. Vlasek

EDUCATION:

Texas A&M University Kingsville   Kingsville, TX
Master of Science in Industrial Engineering   (2022)
- 3.0/4.0 GPA

University of Houston   Houston, TX
Master of Science in Construction Management   2015
- 3.615/4.0 cumulative GPA
- Sigma Lambda Chi

University of Houston   Houston, TX
Bachelor of Science in Construction Management   2009
- Students in Construction Related Industries
  - Vice President

Texas A&M University   College Station, TX
- Civil Engineering Course work   1986-1991
- DNF – unfortunate accident in the Fall of 88

RESEARCH INTEREST

- AEC interdisciplinary collaborative undergraduate education
- Prefabrication and modularized resilient/sustainable replacement housing
- VR/AR and mixed reality application in construction

PROFESSIONAL CERTIFICATIONS

- Certified Revit Architecture User   December 2014
- LEED Green Associate   January 2015

TEACHING EXPERIENCE

San Jacinto College   Houston, TX
Professor   August 2019-Present
- Teaching all 1st and 2nd year Construction Management courses
- Collaboration with Advanced Manufacturing – 3D printing/proto-typing

University of Houston   Houston, TX
Adjunct Professor   August 2015-Present
- Teach Estimating II (all sections)
- Developed undergraduate BIM implementation roadmap

Texas A&M University   College Station, TX
Guest Lecturer   -Present
- COSC650 – Advanced Construction Visualization

AGC Greater Houston Chapter   Houston, TX
CM-BIM Instructor   2014-2016
- Instructor Unit 2 – BIM Technology
- Instructor Unit 4 – BIM Adoption, Implementation and ROI

INDUSTRY EXPERIENCE

Marek   Houston, TX
BIM Specialist   2013-Present
- Responsible for all Division 9 scope in BIM model(s)
- **Revit** 14, 15, 16, 17, 18, 19 and **Navis Manage** 13, 14, 15, 16, 17, 18, 19
- Responsible for multi-trade coordination of commercial BIM projects
- Research and development of VR/AR and Mixed Reality business applications

Marek   Houston, TX
Project Manager/Estimator   2005-2013
- Responsible for all Division 9 scope in commercial construction
- Project Manager for large commercial projects
- Estimator for large commercial projects

Vlasek Construction Services   Houston, TX
Owner   2000-2005
- High-end residential and multi-family sitework contractor
- Managed business development, estimating and project management of work

King Residential Group   Houston, TX
Project Manager   1996-2000
- Managed high-end residential projects as design-build
- Estimated high-end residential projects

WRITING & PUBLICATIONS

- Regular contributor to Houston Area Revit Users Group and BIM Peer Group
- "Implementing the Total Station for Layout", June 2013
- "Making Revit Your BFF", September 2015

CONFERENCE PAPERS & PRESENTATIONS

- Vlasek, S. (2018 January) *"Getting Started with Multi-Trade Prefabrication"*. Accepted for presentation at the Advancing Prefabrication 2018 Conference, Dallas, Tx.
- Vlasek, S. (2018 January) *"Technology Application in Prefabrication and Modularization"*. Accepted for presentation at the Advancing Prefabrication 2018 Conference, Dallas, Tx.
- Vlasek, S. (2017) *"A Prefabrication/Modularization Design-Build Capstone Course: An Introduction to BIM-enabled Interdisciplinary Collaboration"*. Accepted for presentation at AGC Technology Conference, Houston, Tx.
- Vlasek, S. (2016 April) *"The Initial Development of a BIM-enabled Curriculum: Planning for Freshman Year Fall 2016"*. AiC 10th BIM Academic Symposium Proceedings
- Vlasek, S. (2015*) "An Undergraduate Introduction to Practical BIM: A Pedigogical Trial Based on Industry Survey"*. Accepted for presentation at ASC National Conference

PROFESSIONAL ACTIVITIES & SERVICES

- University of Houston Commercial Industry Advisory Board member
- AGC Greater Houston Education and Professional Development Committee
- ABC Houston Construction Technology Advisor

PROFESSIONAL AND ACADEMIC SKILLS

- Commercial Construction Estimating - OST
- Commercial Construction Project Management
- Commercial Construction Scheduling – MS Project
- Blueprint Reading
- PlanGrid
- BIM
- Revit/Navis Manage
- Architectural Drawing/Detailing/Isometric Sketching