

# Weize (Will) Yin

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## SUMMARY

Nine years of civil engineering experience, specializing in offshore structure fabrication, transportation and installation; building envelope design, fabrication and installation.

Seven years of project management experience, proficient in budgeting, scheduling, buy out, and field operations.

Five years of estimating experience, specializing in commercial construction building façade.

Master's degree in civil engineering, structural discipline. Engineer In Training.

## EXPERIENCE

### Vision Walls LLC. New York

Oct. 2019 – Present

Project Manager/ Senior Estimator

- Oversee building façade installation projects from initiation through construction completion.
- Manage project budget, schedule, procurement and execution.
- Coordinate with design team, subcontractors and client.
- Review shop drawings, process submittals, RFIs and change orders.
- Oversee project activities, monitor construction progress and quality, report daily construction progress.

#### Projects:

*50 Trinity Place, 2020-2022:*

- 27-story commercial building located in downtown Manhattan, performed window wall, storefront and interior glazing scopes.

*120 Water Street, 2019-2021:*

- 25-story hotel building located in downtown Manhattan, performed window wall and storefront scopes.

### Gamma USA Inc. Jersey City, NJ

Jun. 2017 – Oct. 2019

Associate Project Manager

- Oversaw building façade installation projects from initiation through construction completion, manage project budget, schedule, procurement and execution.
- Reviewed shop drawings, process submittals, RFIs and change orders.

#### Projects:

*UAE Mission to the UN, 2018-2019:*

- United Nations project, 9-story building located in Manhattan, NYC, performed curtain wall and storefront installation scope.

*99 Hudson Street, 2017-2019:*

- 79-story condominium project located in Jersey City, tallest in New Jersey, performed curtain wall installation scope.

### Saipem America Inc. Houston, TX

Oct. 2014 – Mar. 2017

Installation Project Engineer/ Structural Engineer

- Performed structural design check for the offshore platform T & I projects (installation aids, sea fastenings, etc.)
- Developed design solutions for transportation and installation methods, prepared procedures and design drawings (AutoCAD) that compliant to applicable codes, practices, QA/QC policies, performance standards and specifications.
- Created RFPs for project supplies, evaluated bidders, coordinated with vendors and contractors.

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- Assisted in the HSE team to deliver and promote safety & environmental responsibility in engineering design, vendor evaluation, HAZID identification, risk assessment and offshore field operations.
- Supervised the structure fabrication, load-out and transportation preparation in fabrication yard.
- Oversaw the operation of the offshore platform installation campaign and provided technical support.
- Developed schedule and cost control for project activities to meet overall project timelines and budgets.
- Prepared bidding documents including Method Statement, Project Execution Plan, and Design drawings.

## Projects:

*CA&CB-Litoral-A Offshore Platform Transportation & Installation Projects – Pemex, Gulf of Mexico, 2014-2016:*

- T & I project of two shallow water compression platforms and appurtenant structures.
- Installation method: 2,200 MT jacket via heavy lift, 13,000 MT topside via float-over.

*PP-TEKEL-A Drilling Platform Installation Project – Pemex, Gulf of Mexico, 2015 - 2016:*

- Installation method: 8,500 MT jacket via launching, 3,800 MT topside via heavy lift.

*ARENA-MECOR Subsea Pipeline Installation - PDVSA, Venezuela, 2016 - 2017:*

- Two 42"Ø x 8.50 km subsea pipeline installation includes shore pull preparation and onshore dredging operation.

## 2H Offshore Inc. Houston, TX

May 2014 – Oct. 2014

Intern/ Structural Engineer

## Projects:

*BP West Vela Drilling Riser Monitoring – BP, Gulf of Mexico*

- Performed Finite Element analysis using Flexcom to calculate accumulated subsea riser and wellhead fatigue life from real-time monitoring data to ensure a safe and reliable operation of oil production.

*Subsea System Integrity Management Program Database Tool Development*

- Developed a subsea system integrity management database tool based on Microsoft Access.

## Nanchang Railway Bureau, Nanchang, China

Jul. 2011 – Jul. 2012

Field Engineer

- Performed integrity inspection and maintenance of high-speed train infrastructures (bridges, foundations).

## EDUCATION

### Master of Science in Civil Engineering-Structural, University of Houston

Aug. 2012 – Dec. 2014

#### Selected Courses:

Finite Element Analysis (ANSYS & ABAQUS), Structural Dynamics, Structural Forensics, Prestressed Concrete Design, Foundation Design, Steel Design, Advanced Mechanics of Materials

#### Research Project:

Suction Caisson Anchor Design and Installation (Foundation design)

### Bachelor of Science in Civil Engineering, East China Jiaotong University

Sep. 2007 – Jun. 2011

## SKILLS

AutoCAD, ANSYS, Orcaflex, SOLIDWORKS, MathCAD, Flexcom, Microsoft Office, Microsoft Project, VBA.