

# SINBAD XUE

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Welland, Ontario, Canada

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## PROFILE

Master's graduate in Civil Engineering, providing a strong technical and structural foundation. Currently completing the Carpentry and Renovation Technician program at Niagara College. Practical knowledge covers full-cycle residential construction: Structural framing and layout, exterior envelope installation, and interior trim/finishes. Technical proficiency in Blueprint Reading, Building Codes, and safe use of all hand/power tools. A detail-oriented professional with strong hands-on and learning capabilities, committed to leveraging technical knowledge and continuous development for a successful, long-term carpentry career in Canada.

## SKILLS

- **Carpentry:** Residential framing, interior finishing (trim/cabinetry), drywall, painting, and blueprint reading.
- **Tools:** Proficient with pneumatic nailers, mitre saws, table saws, routers, laser levels, and power drills.
- **Technical:** AutoCAD, MS Office, structural analysis logic and concrete testing
- **Others:** Strong self-learning ability, possesses a personal vehicle for reliable and convenient commute.

## EDUCATION

### Carpentry & Renovation Technician

Niagara College, School of Trades

May 2025 to Present

Welland, Ontario

- Blueprint Reading, Construction Materials, Health and Safety, Tools and Techniques, Trim and Finishes, Building Codes and Specifications, Building Construction

### Master of Civil Engineering

Shenyang Jianzhu University

Shenyang, China

### Bachelor of Civil Engineering

Liaoning Technical University

Fuxin, China

### Diploma in Engineering Cost Estimation

Liaoning Jianzhu Vocational College

Liaoyang, China

## WORK EXPERIENCE

### Renovation Crew

SWJ Renovation Company

Jul 2025 – Nov 2025

Toronto, Ontario

- Interior Finishing: Installed and adjusted cabinet doors; installed pendant lights; installed trim and baseboards; performed interior painting

### Supply Assistant Manager

RMS Marine Service Company Ltd.

Feb 2024 – Jul 2024

Dalian, China

- Provided supplies and equipment to arriving vessels ensuring timely and efficient delivery.
- Managed inventory, organized shipments, and coordinated supply schedules.
- Handled tasks independently and resolved unexpected issues effectively.

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## **Intern – Technology Transformation Department**

Jul 2021 – Sep 2021

Liaoning Transportation Planning and Design Institute

Shenyang, China

- Participated in a bridge inspection project, conducting on-site photographic documentation of defects such as cracks on bridge decks and ground depressions.
- Compiled and organized inspection data and photos into reports, improving documentation templates.
- Assisted in processing technical drawings and entering structural component data into standardized spreadsheets.
- Gained hands-on experience in bridge damage identification and report writing.

## **PROJECT EXPERIENCE**

### **Early-Age Moisture Behavior of Concrete Test Blocks**

Apr 2022

Shenyang Jianzhu University

Shenyang, China

- Studied the effects of water-cement ratio, surface area, and boundary conditions on moisture distribution and deformation of early-age concrete.
- Manually mixed and poured concrete, installed humidity sensors, maintained samples and recorded data for 28 days.
- Analyzed how lower water-cement ratios reduced moisture diffusion and slowed internal humidity loss.
- Skills: Concrete preparation and testing, data collection, moisture behavior analysis.

### **Internal Defect Detection in Concrete Using Ultrasonic Phased Array**

Oct 2020

Shenyang Jianzhu University

- Explored ultrasonic phased array imaging to detect internal voids and defects in concrete blocks.
- Operated MIRA ultrasonic imaging equipment and adjusted parameters to optimize image clarity.
- Documented detection results for various cracks and voids.
- Skills: Non-destructive testing, equipment operation, troubleshooting, material inspection.

## **VOLUNTEER EXPERIENCE**

TD Tree Day Volunteer – Welland, ON (Fall 2024)

International Student Orientation Volunteer – Niagara College, Welland Campus (April–May 2025, 15 hours)

Event Volunteer – Row Ontario Provincial Masters Championships & CORA Regatta – Ontario, Canada (July 2025, 9.5 hours)

## **CERTIFICATES**

China National Level II Constructor License – Municipal Public Works Engineering