

YEASIN ARAFAT

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PROFESSIONAL EXPERIENCE

Xinpu Construction Group - Site Engineering Intern; Zhengzhou, Henan (CN) May 2023–August 2023

- **Spearheaded Quality Control** inspections and QA/QC inspections for a S\$2.4M residential project, identifying and rectifying 15+ non-compliance issues in structural works, reducing costs by 12% and ensuring on-time delivery
- Conducted all site inspections in accordance with construction methods and established design standards to ensure full compliance with budgeting constraints. **Exercised adaptability** in site operations to manage unforeseen challenges effectively, showcasing my **technical knowledge** in project execution
- Optimized material procurement by collaborating with suppliers and subcontractors, streamlining delivery schedules, and cutting idle inventory costs by S\$50K over 3 months. Utilized **engineering drawing** skills to support effective communication with stakeholders and **interpret** design specifications accurately
- Enhanced **productivity** and reduced miscommunication-related rework by 20%. I also managed a daily **report** to keep the team informed of project updates
- Adhered to all policy and project procedures for accurate results, including verifying test results and maintaining detailed **project documentation**

Henan Fifth Construction Company - Civil Engineering Trainee; Zhengzhou, Henan (CN) January 2023–April 2023

- Assisted in structural calculations and AutoCAD drafting for a S\$1.2M bridge reinforcement project, leveraging software to optimize material usage and reducing steel waste by 8%. Produced detailed drawings that adhered to all design standards, focusing on effective framing of structural elements and contributing to efficient project workflows within a **design team**
- Implemented a **management software** based digital daily log system (using Microsoft Forms) to replace paper-based reports, improving documentation accuracy by 30% and reducing administrative time by 15 hours/week on project planning
- Demonstrated strong leadership and supervising capabilities throughout project completion while **overseeing** critical operations within the **team**
- Developed a progress-tracking dashboard in Excel, improving real-time visibility for stakeholders and monitoring and reporting on activity progress, further enhancing project **productivity** and reducing miscommunication-related rework by 20%

Projects - Course Design of Steel Structure; Zhengzhou University February 2024–May 2024

- Adhered to all relevant specifications and principles while ensuring the erection process was efficient and met project goals through effective construction management
- Maintained focus on adherence to procedures and effective interpersonal communication to uphold standards, contributing to overall project success through the application of structural engineering principles and **problem-solving** methodologies, preparing to fulfill my aspirations of becoming a **Director** in the field

EDUCATION

Zhengzhou University | Bachelor of Engineering (B.Eng.) in Civil Engineering | Zhengzhou (CN) | 2020-2024
Concentrations: Construction Project Management, BIM, Structural Engineering | Average: 82.44% out of 100

- Final Year Project: Seismic performance of rocking walls installed with dampers, reducing material costs by 12% while maintaining structural integrity

SKILLS & INTERESTS

Interests: Engineering Mechanics, Travelling, Hiking, Lacrosse, Wrestling, Badminton

Languages: Native Bengali and Mandarin speaker (HSK3); Fluent in English

Technical: Project Planning, AutoCAD, P6, Excel, Applications of software in structural analysis, program management

Certifications: Columbia University - Construction Project Management (June 2023)