

**FAN (ANDY) YANG**  
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## **SKILL SUMMARY**

- Field experience in construction projects, able to correlate blueprints to real applications. Strong attention to detail
- Experience with project management, through work experiences as project coordinator, involved in project schedule analysis and project progress reports
- Excellent knowledge of structural analysis using SAP2000, developed through structural design courses
- Proficient in AutoCAD, and Microsoft Project through courses involving virtual modelling and Project Management
- Highly responsible and motivated individual with a strong interest in structural engineering, virtual modelling and project management
- Strong analytical, problem solving and communication skills. Work well with team or individually
- Proficient in English (native) and Mandarin (native)

## **EDUCATION**

### **Bachelor of Civil Engineering**

**Graduated in 2017**

Ryerson University

Toronto, ON

- Core Courses: Civil Engineering Systems, Structural Concrete Design, Bridge Design and Construction, Structural Building Systems, Structural Steel Design, Project Management
- Clubs/Activities: Concrete Canoe Club, construction team member

## **WORKING EXPERIENCE**

### **Construction Project Coordinator**

**Sept 2019 - Current**

LaDrang Management Inc. (Buddhist Monastery Project)

Montague, PEI

- Worked closely with general contractors, combining designing knowledge with field experience to provide results
- Participated in project design meetings and proposed necessary improvements
- Evaluated potential problems and progress hitches to meet client expectations
- Supervised projects and coordinated between general contractors and clients to ensure smooth workflow
- Managed project related paperwork to ensure all necessary materials on site are present, stored and organized

## **Construction Site Superintendent Assistant**

**July 2017 – Oct 2017**

Great Enlightenment Buddhist Institute Society

Montague, PEI

- Completed and monitored daily logs of construction site work force activities and monitor project efficiency and safety.
- Prepared weekly reports outlining the progress of activities underway, and identifying activities anticipated to commence ahead.
- Assisted project managers and field engineers to assure construction compliance with design requirements.
- Monitored site work performance and efficiency of work forces to ensure project schedule are followed such that the project is executed with effectiveness and safety.

## **OTHER RELATED EXPERIENCE**

### **Capstone: Multi-span semi-integral abutment bridge**

**2016 - 2017**

Ryerson University

Toronto, ON

- Completed and assisted in design calculations for footings, abutments and girders using the Canadian Highway Bridge Design Code.
- Drafted bridge design cross sections using Auto CAD including cross sectional view of bridge, girders, and elevation view of girder re-bars.
- Researched suitable design solutions and coordinated detailed design tasks between members using Microsoft Project, applied SAP2000 modelling and optimization for steel superstructure.
- Guaranteed structural compliance with NBCC and OBC and gained insights on working effectively in a small group environment how to efficiently coordinate a small team to meet objective windows.

## **REFERENCES**

- Mark Van Ryn – Superintendent at BRIGHTON CONSTRUCTION.  
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