

# Andy Ying-Kit Chow

*A self-motivated fast learner with determination seeking an opportunity to experience, learn and improve myself. While passionately dedicated to work for the company with all my skills and strengths.*

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## EDUCATION

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University of Toronto  
B.A.Sc – Civil Engineering (CGPA: 3.28 / 4.0)

2014 - 2019

St. George Campus Dean's honour list  
Annual GPA in Fourth Year (GPA: 3.68 / 4.0)

## RELATED COURSEWORK

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- Transport Planning (Grd: A), Public Transit Operations and Planning (Grd: A), Transportation Capstone (Grd: A-), Construction Management(Grd: A-), Concrete Technology (Grd: A-)

## WORK EXPERIENCE

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*Quality Student, PCL Constructors Canada Inc.*

Sept 2017 – Dec 2017

- Review architectural and engineering drawings and update information from consultants
- Collect and analyze prefabrication data to produce weekly quality report
- Assist project manager in finishing project close-out documents

*Engineering Assistant, Mattamy Homes*

Dec 2017 – July 2018

- Working closely with consultants and contractors to update construction drawings
- Working closely with project manager to update and keep track of schedule
- Prepare tendering packages and compare bids from the trades
- Working in both office and construction site

## PROJECTS

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*Transportation related: Revitalization of Jarvis Street*

April 2019

- Develop solutions to improve transportation along Jarvis Street
- Provide detailed design of the selected solution with AutoCAD, SketchUP, Microsoft Office
- Provide estimation on cost and construction period and display the data graphically

*Groundwater related: Water Pipe Design for sanitary and stormwater*

April 2017

- Determine flow distribution using EPANET and Microsoft Excel
- Design pipeline economically, and display the product in AutoCAD

*Structural Related: Detailed Design a two-storey building*

December 2016

- Calculate wind loads and other structure loads according to Building Codes
- Determine the required supports and display them using AutoCAD

## **LEADERSHIP EXPERINCE**

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*Tutor, Excel Learning Centre and Tutor Doctor*

*May 2017 – Aug 2017*

- Teaching high school students in Math and Science to be prepared for University

## **SKILLS**

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- Languages: Fluent in Cantonese and Mandarin
- Software: AutoCAD, SketchUP, EMME, EPANET, C Language, MATLAB
- Productivity Software: Microsoft Office (Word, Excel, PowerPoint, Outlook, Project, OneNote)