

# ANTHONY HOK-HEI WONG

(+852) 5172-7558 – anthonywong.hokhei@gmail.com

## EDUCATION

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**BEng (HONS) in Civil Engineering** 2018  
The Hong Kong Polytechnic University  
Thesis: Beach vertical profile study on grain size and sedimentary structure in the beach of Lung Kwu Sheung Tan

## PROFESSIONAL MEMBERSHIP

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Graduate member of Hong Kong Institution of Engineers 2018 - Present

## CAREER HISTORY

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Assistant Engineer (Civil and Structural) at consulting firm 2018 - Present  
WSP (Asia) Limited

Graduate Engineer at contracting firm 2018  
China State Construction Engineering (Hong Kong) Limited

Internship at contracting firm 2017  
China State Construction Engineering (Hong Kong) Limited

## PROFESSIONAL EXPERIENCES

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Environmental Protection Department – The Organic Waste Treatment Facilities 2018 - Present  
(Phase 2), Hong Kong

- Was responsible for the detailed design of the superstructure of 4-storey Granulation Building; and
- Analysed wind loads and vertical loads by structural modelling and prepared design calculations, drawings, and submission reports for Granulation Building.

Mass Transit Railway (MTR) Corporation – Lo Wu Station Commercial and Station Improvement Works, Hong Kong 2018 - 2020

- Was responsible for the detailed design of (1) the foundation and superstructure of 4-storey extended Duty-Free Shop and Storage Building, (2) the addition and alteration works for existing stairs, duty-free shops and (3) government office area, and the modification and re-layout in the concourse of Lo Wu Station;
- Prepared design calculations, drawings, and submission reports for structure design changes;
- Liaised with the Building Department and Contractor for the approval of submissions, consent applications, and completions of works;
- Assisted clients by preparing tender drawings and documents and replying to tender queries in tender stages; and
- Responded to contractor submissions and replied to queries and requests of information from contractors in construction stages.

Airport Authority – International Airport’s Car Park 1 Enhancement Works, Hong Kong	2018 - 2019
<ul style="list-style-type: none"> <li>• Was responsible for the design of civil engineering structures in construction stages for Car Park 1 enhancement works including the covered walkways, miscellaneous structures such as light poles and CCTV poles, and Ground Transportation Waiting Building;</li> <li>• Prepared design calculations, drawings, and submission reports for structure design changes; and</li> <li>• Liaised with the Building Department for the approval of submission, consent application, and completion of works.</li> </ul>	
Highways Department - Construction of the vehicular bridges and at-grade roads at the western portion of Hong Kong Boundary Crossing Facilities, Hong Kong	2018
<ul style="list-style-type: none"> <li>• Supervised pavement works and installation of drainages including gullies and drainpipes; and</li> <li>• Supervised the installation of post-drill rebars.</li> </ul>	
Airport Authority - North Commercial District Enabling Works, Hong Kong	2017
<ul style="list-style-type: none"> <li>• Supervised excavation works and installation of capping plate;</li> <li>• Administered soil and rock transportation; and</li> <li>• Prepared material tests submissions.</li> </ul>	

## TECHNICAL SKILLS

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Computer aided design: AutoCAD, MicroStation 2D & 3D

Structure analysis: ETABS, SAP2000, SAFE, Prokon, AdSec, Gold Sun SADS

Excavation and lateral support (ELS) design: Frew

Road design: Bentley Rail Track

## LANGUAGES

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Cantonese: Native

English: Fluent

Mandarin: Fluent