

Daly Murena II

Architect, BIM Manager

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Background

Architecture and BIM management for integrated project design delivery of buildings, places and infrastructure projects. Application of parametric tools and plug-ins to support architectural and engineering design process

Key Projects

[WSP Asia / Taikoo Square elevated walkways](#)

February 2019 - November 2019, Hong Kong Island - Quarry Bay

WSP collaboration with Wong & Ouyang and Hugh Dutton Associés. Role: Architectural BIM Coordinator / Expert

- BIM clash identification and resolution / Quality assurance
- Chairperson at BIM design coordination meetings
- Integration of 2D inputs (DWG/PDF) and 3D CAD (Rhino) with BIM (Revit/NavisWorks)

[Farrells Asia/ Singapore High Speed Railway](#)

October 2017 - October 2018, Jurong Lake District - Singapore

Cooperation with AECOM and Architects61. Role: Architect, BIM Expert

- Collaborative Architectural BIM workflow with the Structural and MEP teams in the façade design of twelve ancillary buildings
- Creation and application of parametric BIM curtain wall and panel family systems
- Interoperability between the complex model geometry of the station roof in .3dm format with the BIM of the station in .rvt

[Farrells Asia/ M+ Museum](#)

May 2017 - July 2018, West Kowloon Cultural District, Hong Kong

Joint venture with Arup and Herzog de Meuron. Role: BIM Specialist

- Architect representative at BIM Coordination meetings
- Inspection, maintenance and review of federated model
- Technical support and training with BIM authoring tools
- Exchange of BIM information with other stakeholders

Key Projects

AECOM Asia / Shek Wu Hui Sewage Treatment Works

February 2016 - February 2017, Sheung Shui - Hong Kong

Cooperation with the Hong Kong Drainage Services Department, DSD

Role: Architect, BIM Expert

- Architectural Design concepts, modeling and rendering of the whole site infrastructure, landscape, buildings plus technical equipment
- Winner of the Autodesk Hong Kong BIM Awards 2016

AECOM Asia / Caticlan International Airport

June 2014 - November 2015, Boracay - Philippines

As a team member of the AECOM Aviation department. Role: Architect, BIM Expert

- Creation and development of Architectural Sections, Elevations and Details of the passenger terminal building (PTB) and air traffic control tower using a BIM workflow (a process where all technical documentation is derived from the model)
- Modeling and panelization of the main entrance façade portal plus all remaining façade enclosures using parametric BIM tools
- Support interoperability between multiple software applications
- Incorporate various design input sources in 2D and 3D (.3dm, .pdf, .dwg, .rvt) into one BIM model with LOD ranging from 200 to 350

Experience

WSP Asia / Architectural BIM Specialist, Associate

January 2019 - November 2019, Hong Kong, - HKSAR

Farrells Asia / BIM Architectural Designer

May 2017 - October 2018, Hong Kong, - HKSAR

AECOM Asia / BIM Architectural Designer

June 2014 - February 2017, Hong Kong, - HKSAR

PMDL Asia / BIM Architectural Designer

February 2012 - May 2014, Hong Kong, - HKSAR

Education

FAU - USP Universidade de São Paulo /

Bachelor in Architecture and Urban Design

Feb 1994 - Nov 2000, São Paulo - SP, Brazil

5 Years Course, equivalent to RIBA Part II

Membership

Council of Architecture and Urbanism - CAU/SP /

Registered Architect

June 2004 - São Paulo - SP, Brazil

Equivalent to RIBA Part III

GRAPHISOFT Certified BIM Manager

BIM Management, Template Creation and Project Coordination

July 2020 - Budapest, Hungary

Additional Information

Nationality: Brazilian

Holder of Finnish Residence Permit valid until 10/07/2021 (issued for a BIM job in a project that was interrupted)

Hong Kong Permanent Resident

Date of Birth : 16.08.1967

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