



SHAWN JIAQING ZHANG

Architectural Technologist

3.5 years working experiences of construction industry, as a BIM Architectural Technologist who will work closely with all stakeholders to complete project execution excellence in a collaborative environment using innovative technology, applying recognized OBC standards & Codes, and adopting agreed standard methods and procedures.

SKILLS

CAD

REVIT

Visualization Skills

Technical Drafting

Attention to Details

Creativity

LANGUAGES

Chinese - Mother language

English - Advanced level

Football

Travel Animals

Photography

PORTFOLIO



WORK HISTORY

BIM Manager & BIM Specialist 04 / 2019 – 11 / 2020
Design Link Architects Pte Ltd, Singapore

- Managed and coordinated general residential and commercial projects within 4000 m² in South Asia zone.
- Liaised and coordinated with owners, main contractor, MEP and C&S consultants on BIM implementation in projects.
- Monitored and reviewed of BIM integrated models, workflows, and productivity to ensure timely delivery of relevant deliverables establish and implement BIM policies, workflows, standards, and methodologies.
- Coordinated MEP and C&S engineering team for Subway project in Singapore (Refer my portfolio – Marina Baby MRT Extension).
- Prepared, checked, and coordinated documents to support component design and submission applications.
- Planned, executed and maintain BIM Execution Plan for each BIM projects.
- Lead and trained of BIM Team, with 3 BIM coordinators and 8 BIM modelers.

BIM Implementer 04 / 2017 – 03 / 2019
AXIS Architects Pte Ltd, Singapore

- Implement Singapore BCA BIM standard SOP in office.
- Established and executed and maintain BIM Execution Plan.
- Computational Modeling with Autodesk Dynamo, simulating Green Building Study and analyze using Autodesk Flow Design.
- Coordinated with project Managers and all relevant external parties on BIM Implementation into project.
- Prepared BIM models and drawings from Autodesk Reivt.
- Lead and trained of BIM Team, with 3 BIM coordinators and 8 BIM modelers.
- Worked on international projects (South Asia) with different disciplines through project team.

EDUCATION BACKGROUND

Advanced Diploma in Architectural technologist 01 / 2021 – 04 / 2023
George Brown College - Toronto, ON

Diploma in BIM specialist 01 / 2018 – 07 / 2019
Building Construction Authority of Singapore
Certificate & License: No. SDBIM/19/159

Diploma in Building Information Technology 04 / 2014 – 04 / 2017
Building Construction Authority of Singapore

ARCHITECTURAL TECHNOLOGIES & RESPONSIBILITIES

- Prepare technical drawings of many types of commercial and residential projects using Revit, beginning with initial conceptions and sketches and ending with final representations; drawings include elevation, plans, and layouts.
 - Produce thorough drawings with precise and properly labelled specifications for measurements, materials, and finishes.
 - Develop and prepare design sketches, shop drawings, and renderings for millwork.
 - Comprehensive documentation packages and drawing sets; supply estimators with takeoffs.
 - Collaborate with and communicate often with owners, architects, contractors, engineers, and suppliers.
 - Engage with team to seek architectural design in accordance with OBC building code needs and client requests, while delivering technical software operational solutions.
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SOFTWARE SKILLS

- Autodesk Revit – Design & Modeling for Architectural Conceptual Design and Basic BIM Submission.
- Autodesk CAD – 2D Drafting.
- Autodesk Naviswork – Design coordinating and clash detecting.
- Autodesk Navis Works – Advanced BIM Coordination.
- Autodesk Dynamo – Computational BIM Solution.
- Autodesk Air Flow Design – Simulation, Analysis and natural Ventilation studies alongside building Air-Dynamic.
- Enscape – Rendering & VDC presentation

PROJECT SUMMARY - DESIGN LINK ARCHITECTS PTE LTD

•April 2019 - Punggol North C8 (HDB)

Responsibilities: Leading BIM project, Coordination

- Modeling Quality Control
- Modeling Demonstration

•April 2019 - Sengkang N4 C22 and 23 (HDB)

Responsibilities: Leading BIM project, Coordination

- Model Coordinating
- Modeling Quality Control
- Specific Family Design

•April 2019 - TENGAH GARDEN C1 C2 and CG (HDB)

Responsibilities: Leading BIM project, Coordination

- Model Coordinating
- Modeling Quality Control
- Specific Family Design

•April 2019 - Tampines Court (Design & Build)

Responsibilities: Leading BIM project, Coordination, VDC Presentation

- Model Coordinating
- Modeling Quality Control
- Specific Family Design

•May 2020 - TENGAH GARDEN C1 C2 and CG (HDB)

Responsibilities: Leading BIM project, advance BIM modeling and coordination

- Model Coordinating
- Modeling Quality Control
- Specific Family Design

•May 2020 – Toa Payoh Bidadari C15 & C16

Responsibilities: Revit Modeling

- Model Coordinating
- Modeling Quality Control
- Specific Family Design

•May 2020 – Toa Payoh Bidadari C14A&C14B

Responsibilities: Revit Modeling

- Model Coordinating
- Modeling Quality Control
- Specific Family Design

•August 2020 – Siloso Green

Responsibilities: Revit Modeling

- Model Coordinating
- Modeling Quality Control
- Specific Family Design

PROJECT SUMMARY - AXIS ARCHITECT PLANNERS PTE LTD

BIM Competition Design – The Pavilion of Hybrid Fuchsia

Responsibilities: Architecture Design, modeling and Dynamo Program

•The Pavilion of Hybrid Fuchsia

Online Model Viewing: <https://a360.co/2CiAqTn>

June 2017 - February 2018(TOP) Chetunt 98 Bungalow

Responsibilities: Leading BIM project, Coordination

- Revit File Submission
- Modeling Quality Control
- Modeling Demonstration

Online Model Viewing: <http://a360.co/2igwl8L>

June 2017 - February Pandan Road 7 Warehouse

Responsibilities: Leading BIM project, Coordination

- Model Coordinating
- Modeling Quality Control
- Specific Family Design

Online Model Viewing: <http://a360.co/2zOT00j>
<http://a360.co/2yddCgS>

August 2017 - September 2017 Puchong Rio City Parsal 1

Responsibilities: Leading BIM project, Coordination, VDC Presentation

- Model Coordinating
- Modeling Quality Control
- Specific Family Design

Online Model Viewing: <https://a360.co/2GuYvUA> Office Building
<https://a360.co/2pWZyq2> Shopping Centre
<https://a360.co/2Ovkr9p> Condominium
<https://a360.co/2OBqrEx> Car Park
<https://a360.co/2RI4txk> Landscape

October 2017 – June 2017 Puchong The Gems Condominium

Responsibilities: Leading BIM project, advance BIM modeling and coordination

- Model Coordinating
- Modeling Quality Control
- Specific Family Design

Online Model Viewing: <https://a360.co/2OnSpN9> Residential Tower_1
<https://a360.co/2QnOCws> Residential Tower_2
<https://a360.co/2QnOKvW> Residential Tower_3
<https://a360.co/2uEQieW> Residential Tower_4
<https://a360.co/2QsowZp> Residential Tower_5&6
<https://a360.co/2P2PSos> Residential Tower_7&8
<https://a360.co/2lwZ5D7> Club House
<https://a360.co/2ICELQZ> Car Park

March 2018 – Sentosa Merlion Tower

Responsibilities: Revit Modeling

- Model Coordinating
- Modeling Quality Control
- Specific Family Design

Online Model Viewing: <https://a360.co/2lvEAXk> Sentosa Merlion Tower (Prototype Mark_1)