

nivin nabeel

BIM MANAGER

647.878.8145

nabeelnivin@gmail.com

www.nivinnabeel.com

education

SPRINGBOARD | 2018

UX Design

RYERSON UNIVERSITY | 2016

Bachelor's of Architectural Science

SOOCHOW UNIVERSITY | 2015

Chinese wood and concrete construction

**ARCHITECTURAL ASSOCIATION SCHOOL
OF ARCHITECTURE - GERMAN JORDANIAN
UNIVERSITY VISITING SCHOOL | 2014**

Eroded Morphologies of the desert workshop

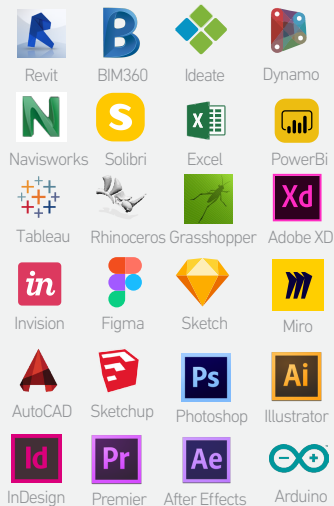
**THE CHANG SCHOOL OF CONTINUING
EDUCATION | 2013**

Building Information Modelling

WESTERN UNIVERSITY | 2012

Visual Arts Major & Computer Science

software



summary:

- Had the privilege to work on various types of projects and contracts.
- Strong knowledge in the latest Autodesk softwares and add-ons.
- Staying informed on latest updates and hotfixes.
- Passion for developing and implementing standards, workflows, tools and processes.
- Passion for data management and data visualization
- Outstanding project management skills and communication skills.
- Implementing BIM technologies for all types of contracts and project types.
- Host BIM Kickoff for projects internally and externally.
- Develop BXP for projects along with LOD matrix and modelling expectations.
- Training internal and external users on technologies and workflows.
- Perform model Metrics analytics using BIM Interoperability Tools with Power BI.
- Develop workflows utilizing model data and automation using Ideate Software.
- Implement modelling best practices and workflows on specific projects and train teams to follow suit.
- Communicate with management use of BIM and standards implemetation.
- Propose tools to management and present ROI and value to the office.
- Help explain BIM uses for clients and how to best implement it and its effect on scheduling and cost, ie: IPD projects, modular projects, design-build, and design-bid-build.
- Train teams on COBie for FM deliverables during project turn over and facilitate among consultatnts and trades.
- Mitigate risk for different project BIM deliverables.
- Train teams to use clash detection softwares Navisworks, Solibri, and BIM360 Glue.
- Develop workflows for Room Data Sheets deliverables recieved from the client using Ideate or deRofus.
- Develop office library, and train teams to help me develop them. Utilizing tools such as Avail and Avail Harvest.
- Develop specific library needs for projects, ie: parameteric families/ embed some intelligence in production delivery.
- Develop file sharing protocols for external stakeholders and explain risks.
- Troubleshoot daily modelling errors through ticketing system implemented
- Spend time with designers, consultants and trades to improve workflows by understanding their challenges
- Network with local and global BIM Managers and researching and testing out workflows.
- Constantly learning, as technology is always evolving.

work experience

MONTGOMERY SISAM ARCHITECTS TORONTO, ON

BIM Manager | October 2020 - Present

The office doubled in size since I started during COVID which added more emphasis on streamlining workflows and processes. I had the luxury to be exposed to various types of projects and project needs and test out a lot of new workflows regarding documentations, modelling requirements, best practices, IPD projects, modular construction, clash detection needs etc. I've migrated all projects to BIM360 and trained the office to use it. I had the chance to experiment with clarity servers to setup tasks such as printing and model metrics. I've developed an interactive BXP plan to help kick off projects and streamline project kick offs and project setup. I've provided insight on hiring processes, training and onboarding. I've developed a checklist and an automated data driven powerBI dashboard to maintain projects and run model QA/QC and check model performance. I rely on data for how to move forward in model maintenance and modelling protocols. I've kept the library and templates updated to suit needs. I usually setup meetings with a target group to tackle a BIM and documentation issue and implement a solution that works best for users and the model. I've relied on parametric approaches for Room Data Sheets obtained from client to produce FF&E plans and program layouts. I've introduced the office to Ideate Software and trained everyone to use it. The tool has been very successful to increase performance and get users to be involved more in Data embedded in the model. I've also met with external stakeholders such as consultants, clients, fabricators to iron out LOD matrix, develop modelling strategies, discuss data handover, etc. I am profficient in bluebeam as well and encouraged teams to utilize bluebeam studio and advised management to invest in Bluebeam eXtreme license. I attend regular team meetings to address team's difficultites then have a small workshop on how to move forward and best practices. I've also kept an eye on tickets. I had the honor to watch MSA grow and put emphasis on BIM and this is something I am really proud of and excited to be able to achieve.

GENSLER TORONTO, ON

Digital Design Specialist | February 2019 - Present

This role is a unique intersection of design and technology. I had the opportunity to implement, support and strategize various office projects and scopes. Digital design examined holistic workflows in areas of Building Information Modelling, Design Visualization, Computational Design and Performance Design. I played a role in tools testing group for new tools implementation. I have carried out BIM Execution Plans on several scopes of small, medium and large projects for project delivery. I have completely transitioned the office to BIM360 while working from home. Some projects I've worked on include, SidewalkLabs project, which included building parametric families for kit of parts for factory fabrication, bim management, consultants coordination and BIM360 hub management. Other work include CIBC tower interior, retail and signage scope. This included implementing workflows and automating signage work for ease and efficient delivery. I have kept rigorous BIM workflows and standards on PierG airport and helped team implement workflows and carried out clash detection reports and coordinated with consultants for delivery. I have implemented model breakup and workflow on VMC models for efficient workflows and implemented model breakup and workflow. These are few of the many support roles for smaller projects and constantly building families and providing Digital Design support. Also worked on helping teams prepare laser cutting, 3D printing, PointCloud scanning files.

MGBA INC. TORONTO, ON

Intermediate Architectural Technologist | February 2018 - February 2019

Developed Revit and AutoCAD standards and templates to be used office wide. Help build revit families from cutsheets. And aid in building kit of parts for a prefab Harvey's store. Standardize details for use in templates. Help troubleshoot revit issues and be a support system for BIM use. I also worked on developing permit drawings, construction drawings, issue site changes, RFI's and submittals. I had a unique position to also support the firm IT needs and infrastructure.

SWEENEY & CO. TORONTO, ON

Intermediate Architectural Technologist | November 2017 - February 2018

I worked on and managed the production of 3D BIM model for an office building for construction drawings. Also produced 3D printed models for presentation purposes and working on promotions for the office. Furthermore, worked on a Pointcloud model for an existing heritage building.

RZA INC. TORONTO, ON

Architectural Designer/ Project Manager | August 2016 - November 2017

I oversee retail projects from design development to construction. My responsibilities ranged from meeting with clients, coordinating MEPs, issuing RFIs and addendums, developing project proposals, and site visits. With proficiency in Revit and BIM process, I directed and trained designers to build BIM models for existing conditions and new construction and produce construction documents and permit sets. Furthermore, I took a leading role in designing and producing an office portfolio for marketing purposes and project proposals.

DEPARTMENT OF ARCHITECTURAL SCI. TORONTO, ON

Assistant Curator | January 2016 - April 2016

Provided the Department of Architectural Science web design, web maintenance, physical gallery setup, and archiving.

EIGHT ART HOTEL, SHANGHAI

Architectural Designer In Residence | June 2015 - August 2015

Interior renovation of hotel entrance, patio and roof top.

ECADI, SHANGHAI

Architectural Designer | June 2015 - August 2015

Schematic Design, 3D Modelling, and Rendering for Shanghai Archieve Center

ATELIER3AM, TORONTO, ON

Architectural Designer | May 2014 - August 2014

Working on Guggenheim Competition, physical model building, photoshopping render, and 3d modelling