

EHSAN OMID

Intern Architect (OAA) | BIM Specialist | PMP Certified

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Professional Summary

Intern Architect (OAA) and BIM Specialist with 8+ years of experience across construction documentation, BIM coordination, and multidisciplinary project delivery for institutional, healthcare, and commercial projects in Canada and internationally. Led tender-phase documentation for a USD \$150M+ hospital project, independently resolving a critical civil engineering discrepancy that prevented schedule delays. PMP Certified (PMI) and Autodesk Certified Professional, with deep expertise in Ontario Building Code compliance, permit and tender documentation, and Revit-based BIM delivery.

Professional Experience

Thomas Brown Architects Inc.

Toronto, ON

Intern Architect (OAA)

Jun 2024 – Present

- Delivered tender-ready construction documentation for a USD \$150M, 25,220 m² hospital project by coordinating six multidisciplinary consultant teams through the full tender phase.
- Prevented potential schedule delays by independently identifying and resolving a critical civil engineering discrepancy, rebuilding the grading model and validating excavation and fill quantities to trace the root cause of conflicting earthwork calculations.
- Independently researched applicable building code requirements and resolved a multidisciplinary coordination conflict by demonstrating that the proposed hospital access road complied with allowable slope criteria, avoiding unnecessary redesign.
- Converted legacy AutoCAD drawings into a coordinated Revit BIM model for the Fire Station 2-4 renovation, Town of East Gwillimbury, developing Existing, Demolition, and New Construction phases to produce accurate renovation documentation.
- Produced OBC Data Matrix documentation covering occupancy classification, fire separation, spatial separation, and barrier-free design for multiple municipal fire station projects.
- Prepared comprehensive Revit construction documentation, including floor plans, elevations, sections, details, schedules, life safety plans, and site plans for healthcare and municipal projects.

SolidCAD

Toronto, ON

Technical Consultant

Feb 2023 – Sep 2023

- Delivered BIM consulting, technical support, and instructor-led Autodesk software training to over 10 AEC clients, supporting adoption of Autodesk Construction Cloud and BIM workflows.
- Customized and implemented BIM Execution Plan (BEP) templates and data management workflows to support BIM coordination and project delivery for AEC clients.

Simplex Design

Selangor, Malaysia

Design Architect

Jan 2015 – Nov 2022

- Delivered fully coordinated construction documents for institutional and mixed-use projects totalling USD \$153M across four builds, ranging from 20,900 to 138,000 m².
- Contributed to two award-winning architectural competition projects, including the concept design for Pingxiang Hospital and the design development of a mixed-use commercial office and residential project in Xi'an from schematic design through construction.
- Reduced project documentation time by approximately 20% by designing and implementing workflow automation solutions, including standardized Revit families and project templates adopted across the organization.

Skills

BIM & Documentation: Construction Documentation, BIM Coordination, OBC & IBC Compliance, Permit & Tender Documentation, RFI & Addenda Coordination, Fire Compartmentation, Occupant Load Calculations, MasterFormat Specifications

Software: Revit, AutoCAD, Bluebeam, Autodesk Construction Cloud (Forma), Navisworks Manage, 3DS Max

Design: Schematic Design, Design Development, Scan-to-BIM, Reality Capture, Cloud Collaboration, Healthcare Facility Planning

Management: Project Management, Multi-Disciplinary Coordination, BIM Execution Planning, Stakeholder Communication, Contract Administration

Education

Master of Architecture – Arizona State University, USA

Master of Project Management – Limkokwing University, Malaysia

Bachelor of Applied Science, Architecture – Curtin University, Malaysia

Certifications

- Project Management Professional (PMP) – PMI – Studied Sep 2023 – Oct 2024 – Expires Oct 2027 – ID: 3954951
- Autodesk Certified Professional, Revit Architecture – Autodesk – Issued Aug 2019 – ID: wC8Q8-48bp
- Autodesk Certified Professional, AutoCAD – Autodesk – Issued Oct 2005
- Autodesk Certified Professional, 3DS Max – Autodesk – Issued May 2012
- BUILD Program Graduate – JVS Toronto – Jul 2024 – Ontario Building Code & BIM

Awards & Recognition

- 1st Place, Pingxiang Hospital Concept Design Competition – Pingxiang, China – 2020
- 1st Place, Mixed-Use Xi'an Development Concept Design Competition – Hanzhong City, China – 2016