Mike Covill

(416) 568-6384 | mcovill@mac.com | Mississauga, ON

Summary

- Recent Architectural Technology graduate with a strong foundation in modern architectural design principles and a passion for sustainable building practices
- Proficient in advanced design software, including Revit, AutoCAD, and SketchUp, enabling the creation of detailed and accurate architectural plans and models
- Versatile professional transitioning from a successful career in software engineering to Architectural Technology, bringing a unique blend of technical expertise and creative design acumen
- Adept at collaborating with teams to deliver projects that combine aesthetic appeal with functionality, adhering to both client specifications and regulatory standards
- Eager to apply my skills to a dynamic architectural firm, creating innovative solutions which combine a commitment to classic aesthetics and modern sustainability practices
- Sheridan College portfolio: https://www.mdcovill.com/portfolio.html

Experience

Freelance | Mississauga, ON
Renovation Contractor | 01/2022 - 05/2023

- Engineered and constructed a new box bay window frame, incorporating a deeper window stool, enhanced natural lighting and improved insulation
- Conceptualized and executed the construction of a custom, wall-to-wall built-in entertainment center

Upstream Works Software | Vaughan, ON
Software Engineer | 02/2009 - 10/2018

- Researched mobile strategies for data center management
- Developed web application - UI improvements, new feature development, bug fixes
- Developed business intelligence reports, providing timely solutions and troubleshooting to solve client issues

BHS Consulting | Toronto, ON
Software Developer | 02/2015 - 04/2016

- Developed iPad and iPhone applications used for employee scheduling and automobile manufacturing defect tracking

Consultant | Toronto, ON
Software Engineering Consultant | 06/2002 - 06/2014

- Developed automation and control software for biotech startups developing instruments for genetic and protein detection

Skills

Revit, AutoCAD, Sketchup, V-Ray, Lumion, Photoshop, Illustrator, InDesign, Microsoft Office, Web Development, iMovie

Education

Sheridan College | Mississauga, ON
Advanced Diploma Architectural Technology | 05/2021

- Conducted thorough investigations into zoning by-laws to inform and guide site planning and massing studies, with a strategic focus on optimizing passive lighting and energy-efficient design solutions
- Created detailed working drawings using AutoCAD and Revit, encompassing site plans, structural framing, floor plans, elevations, and building systems, all in strict adherence to the Ontario Building Code and streamlined for permit approval

University of New Brunswick | Fredericton, NB
BSc Electrical Engineering

Certificates

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