

OSKAR KALM, B.Eng, M. Arch

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Summary of Qualifications

- **Engineering and Master of Architecture** Graduate
- Enrolled in the **EIT** (Engineer in Training) program and as an **OAA Student Associate**
- Experience with **Rhino, AutoCAD, Revit**, Sketchup, ArcGIS, QGIS, **Adobe Suite** (Photoshop, Illustrator, InDesign), Twinmotion, Enscape, etc.
- Strong **organizational skills** with a proven track record of managing tasks effectively and delivering projects on time
- Exceptional **written** and **oral communication** in both independent and collaborative settings
- Adept at problem solving and **technically inclined**
- Open-minded and enthusiastic, with a strong commitment to continuous learning and professional development
- Small Remotely Piloted Aircraft Systems License, (RPAS), (Drone Pilot)
- WHMIS Certified
- G Class Driver's License

Education

Master of Architecture, Carleton University, Ottawa, Ontario, 2023 – 2026

- Relevant Courses: Master's Thesis, Architecture Technology 4, Advanced Building Systems

Bachelor of Engineering, Architectural Conservation and Sustainability Engineering, Carleton University, Ottawa, Ontario, 2018 – 2022; Academic Honour Roll

- Relevant Courses: Architecture Technology 1 through 3, Concrete Building Design, Steel Building Design, Wood Building Design

Employment Experience

Laborer for Pre-Engineered Steel Structures (2025, 2026)

SteelDo, Winchester, Ontario, Canada

- Fabricated rebar assemblies for reinforced concrete foundations, utilizing industrial saws and grinders to ensure precise adherence to structural engineering specifications and load-bearing requirements.
- Facilitated the execution of poured-in-place concrete pads, managing the leveling, finishing, and curing processes to achieve required structural tolerances.
- Operated heavy machinery and specialized equipment for material handling and site preparation while maintaining a rigorous standard of site safety and organization.

Engineer in Training, Landscape Architecture Office (2023)

Tract Consulting, St. John's, Newfoundland, Canada

- Played a key role in the development of the Great Coastal Trail, a record breaking 850 km hiking and biking trail linking two UNESCO World Heritage Sites within Newfoundland, Canada

- Conducted site visits in Northern Newfoundland, utilizing drone technology and GIS/AutoCAD software to document landscapes for the design of the Great Coastal Trail
- Successfully contributed to landscape design as an engineer in training (EIT), completing CAD drawings for footbridges designed to cross small rivers, muskeg, and steep grade
- Performed erosion calculations to mitigate trail failure or washout due to the coastal nature of the trail

Technical Sales Intern, Commercial HVAC Sales, Diagnostics, and Repairs (2021)

Trane Technologies, Markham, Ontario, Canada

- Collaborated with clients and provided technical expertise to evaluate and clarify their expectations for their HVAC system size and performance, as well as their indoor air quality requirements
- Diagnosed HVAC systems on job sites ensuring peak performance
- Gained an in-depth knowledge of refrigeration cycles, enhancing technical proficiency and application in practical settings

Landscape Contractor (2020)

Starlet Farm, Port Perry, Ontario, Canada

- Contributed to the successful completion of a \$100K design-build residential landscaping project, including a concrete foundation, timber frame gazebo, flagstone pathways, and fire pit
- Managed and completed all construction, material selection, installation, and machine operation in coordination with the client's expectation and budget

Awards

Featured

Building 22 (2026):

- Featured in the 2026 hardcover addition
- Showcased Water, Steam, and Knowledge

Featured

Architecture Next Blog (2025): <https://shorturl.at/NdR4R>

- Featured in the 2025 blog
- Showcased architectural portfolio and discussed the transition from engineering to architecture

3rd Place, National Concrete Bench Design Competition (2023/2024)

Canadian Precast Concrete Institute (CPCI)

- Featured in the CPCI yearly newsletter
- Developed a new solution to concrete, an eco-friendly alternative called "Pincrete"

Top Intern Designation (2021)

Trane Technologies, Markham, Ontario

- Recognized for continuous attention to detail, completion of extracurricular learning modules, and dedication to the field
- Invited to six-month training program for full-time position

References

Paul Kariouk

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Professor, Carleton University
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Benjamin Gianni

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Neil Dawe

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