

# Mark Konigsmann

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## Education

### University of Toronto

BA (Hons) Architecture | High Distinction | Deans List Scholar |  
George T. Goulstone Fellowship | Certificate in Sustainability of the Built Environment |  
Nominee for Daniels Faculty Undergraduate Community Leadership Award |

Toronto, ON  
Sep '19 – Jun '24

### University of British Columbia

Masters of Architecture  
Completed one semester of study, have chosen not to continue program and pursue career instead.

Sep '24 - Jan '25

## Experience

### George T. Goulstone Fellowship

University of Toronto

Jun '23 – Oct '23  
London, UK

- Won my faculty's oldest award (\$13,000 total; \$6,500 per recipient) for a joint research project on Georgian architecture. Selected as one of two undergraduates competing against all undergraduate and master's-level applicants.
- Secured interviews with Britain's leading authority on Georgian architecture, representatives from two national museums, and the Architectural Association, one of the world's most selective architecture schools, resulting in two offers of admission and shaping my long-term interdisciplinary focus.
- Documented 20+ heritage sites through CAD, photography, and written analysis; work was shared with the University and fellowship donors to support awareness and preservation of significant architecture.

### Geotechnical Field Technician

Galore Creek Mining Corporation

May '22 – Sep '22  
Smithers, BC

- Second deployment to remote fly-in fly-out mine site, running a two-week, 12hr day rotation.
- Collaborated on an environmental baseline study with the lead geotechnical engineer, assisting hydrogeological tests of 200+ wells; also conducted soil and overburden sampling to inform pit construction.
- Supported remote sensing analysis with Fluor Engineering consultants to assess slope stability beneath a Cu rich zone, leading to their independent recommendation to clear a multimillion-dollar camp site despite conflicting financial priorities.
- Operated aerial drone surveys integrated with GIS data to produce a mapping tool that guided construction crews in building a new 6 km access road to drill sites.

### Drill Core Technician

Galore Creek Mining Corporation

May '21 – Oct '21  
Smithers, BC

- Contributed to 66% increase in measured resource tonnage and 10% increase in resource estimate by performing precise drill core analysis and data collection correlated to decreased strip ratios in pit design, and increases in measured Cu and Ag, both significantly improving project feasibility.
- Improved efficiency of 8,400 m diamond drilling program by managing QA/QC for all geotechnicians. Developed a visual SOP for drill core analysis in PowerPoint, shared with 5 cross-shift team members, improving data consistency and usefulness for geoscience leads via Excel tables on SharePoint.
- Managed assay data entry in ORCA Scan software and Excel, supporting remote access of high volume warehouse data.

## Volunteering

### Ski Race Coach

Cypress Ski Club

Nov '21 – Apr '25  
Vancouver, BC

- Assistant Head Coach for U16 race team; increased athlete retention by 20% year over year, directly secured two families (four children) as long-term team members through coaching, relationship-building, and representing the club. Led 14+ athletes through 100+ on-snow days, more than a dozen races, and training camps.

### Orientation Leader

University of Toronto

Aug '23 – Sep '23  
Toronto, ON