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<b>OBJECTIVE</b>	Geotechnical position with opportunity for advancement
<b>GEOTECHNICAL SKILLS</b>	<ul style="list-style-type: none"><li>• Assisted a mud-rotary and sonic drilling investigation by conducting blow counts, collecting soil samples, characterizing subsurface conditions and supporting the factual report write-up.</li><li>• Digitized cored borehole logs and discontinuity logs using gINT and Microsoft Excel.</li><li>• Characterized rock shear resistance and rock-bearing capacity for a dam design desktop study using Barton-Bandis method and Hoek Brown Failure Criterion on RocData software.</li><li>• Assessed seepage and piping potential failure modes and determine cause of sinkhole activities for a dam safety review through internal stability analyses (Li &amp; Fannin, Burenkova, Wan &amp; Fell) and material compatibility.</li></ul>
<b>LABORATORY SKILLS</b>	<ul style="list-style-type: none"><li>• Conducted experiments using high frequency electro-magnetic spectroscopy (HFEMS), x-ray fluorescence (XRF), laser-induced breakdown spectroscopy (LIBS), K10 magnetic susceptibility meter.</li><li>• Reduced sample contamination and analytical errors by preparing homogenous duplicates, choosing suitable reference materials and performing intense quality assurance/quality control (QA/QC).</li><li>• Prepared equipment and samples in laboratory for technological demonstrations.</li><li>• Certification: Forklift Operator (class 4 &amp; 5), X-ray Fluorescence Operator (level 1), Workplace Hazardous Materials Information System Training (WHMIS), Fall Protection Training.</li></ul>
<b>ORGANIZATIONAL AND TECHNICAL WRITING SKILLS</b>	<ul style="list-style-type: none"><li>• Organized 12 weekly member meetings throughout the school year.</li><li>• Coordinated 5 skill-training and team-building sessions for over 100 volunteers to create a diverse and well-trained unite team.</li><li>• Developed a new comprehensive database system for over 15 past, current and future projects, which includes pilot lab experiments, field trial data and reports.</li><li>• Produced client proposal using corporate CVs, relevant past project experiences, budget estimation and proposed project timeline (Microsoft Project).</li><li>• Contributed to 3 amenability reports by comparing and analyzing experimental data results with assay results.</li></ul>
<b>EDUCATION</b>	The University of British Columbia (UBC) Bachelor of Science in Geological Sciences, May 2020 GPA: 3.2/4.0
<b>EMPLOYMENT</b>	Geotechnical Co-op Student (05-12.2018) - Hatch Ltd. Geological Technician (09.2017-04.2018, 01-04.2019) - Mineral Deposit Research Unit, UBC Technical Services Co-op Student (01-08.2017) - MineSense Technologies
<b>INTERESTS</b>	Swimming, puzzle solving, photography
<b>REFERENCES</b>	Available on request