

## Cassian Yang

Burnaby, BC

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### Profile

BCIT Mineral Exploration and Mining Technology student with hands-on familiarity in drill core workflows, including core handling, organization, sample tracking, and accurate data entry (GeoSpark). Backed by geochemistry lab experience at SGS and one year of civil QA/QC lab work under strict SOP requirements. Physically fit for 12-hour shifts and camp/rotational work, safety-focused, and known for reliability, strong work ethic, and learning new site procedures quickly. WHMIS and First Aid certified.

### Experience

#### Sample Prep Technician | SGS | Burnaby, BC

Jan 2026-Present

- Unpacked, sorted, labeled, and dried geological samples following SOPs and strict chain-of-custody requirements.
- Performed crushing, pulverizing, and screening to required particle size specifications; ensured representative sample preparation and contamination control.
- Entered work order details and QC results into LIMS/SLIMS; maintained accurate records, logs, and sample tracking documentation.
- Maintained a clean and organized work area; cleaned equipment between samples, controlled dust, and followed proper waste disposal procedures.

#### Cook (Night Shift) | Crystal Mall Stewed Chicken | Burnaby, BC

May 2025 – Jan 2026

- Worked 8–11 hour shifts responsible for food preparation, cooking, inventory logging, and supply ordering; Lift the 60-pound pressure cooker. independently operated the kitchen during night shifts.
- Identified operational issues during service, corrected errors in a timely manner, and reported issues as required.
- Followed updated service schedules and operational standards, adjusting procedures to improve workflow efficiency.

#### Construction Technician / Lab Assistant | Zhejiang Thermal Power Construction Group | China

June 2021 – August 2022

- Conducted cement strength and compressive testing as part of laboratory and on-site quality control activities.

- Inspected concrete pouring and curing conditions and verified concrete mix proportions on construction sites.
- Performed QA/QC procedures in accordance with engineering standards and project specifications, documenting results and reporting deviations.
- Prepared engineering and testing reports to support construction quality control and compliance requirements.
- Worked on long-term projects in remote locations under rotational schedules, including one-month-on/one-week-off and extended two-month rotations, adapting to camp-based and isolated work environments.

## Education

### Mineral Exploration and Mining Technology | British Columbia Institute of Technology (BCIT)

September 2024 – Present

### Optoelectronic Information Engineering | Xi'an University

September 2016 – June 2020

## Skills & Abilities

- Laboratory & QA/QC: Sample preparation (crushing, pulverizing, splitting, sieving), **fire assay** (sample prep, weighing, Fluxing, Pouring and cleaning, cupellation, parting), ICP-MS, Titration, cement and compressive strength testing, documentation and reporting, Core handling and basic logging support, Mineral processing.
- Geology, mineralogy and petrology, Ore identification
- Technical Software: ArcGIS, **GeoSpark**, AutoCAD, Microsoft Access, Excel, LIMS
- Surveying: level surveying, total station, data handling.
- Work Environment: Remote work, rotational schedules, night shifts, long-duration shifts, WHIMS, First aid
- Languages: Mandarin, English