

# GUO PAN

Lab City ON, A1B 2C3  
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## Highlights of Qualifications

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- Experience in fish sampling, assessments, analysis, and identification
- Knowledge of aquatic lab equipment, computer programs, and scientific procedures
- Ability to self-motivate to work independently and ability to work in a team
- Ontario Boating License, Wilderness & Remote First Aid, CPR-C, and AED Training
- Proficient in the use of basic field navigation and survey equipment such as GPS, compass, clinometer, water quality meters
- Experience participating in field programs in terrestrial and freshwater aquatic settings
- Demonstrated ability to perform physically demanding work in inclement weather

## Education

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**Bachelor of Science: Biology (Honours), Specialization: Conservation Biology** 2022  
Trent University, Peterborough ON

- Dean's Honour Roll – for attaining an average over 80% (2016-2018)
- Relevant Courses: Fish Ecology; Ichthyology; Placement in Conservation Biology

**Advanced Diploma: Fish and Wildlife Technology** 2019

- Fleming College, Peterborough ON
- Dean's Honour Roll – for attaining an average over 80% (2013-2016)

## Relevant Experience

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**Placement in Conservation Biology**, Trent University (150 hrs.) 2020-2021

- Sampled fish communities through the collection using seine nets and assessed the community composition
- Determined age of yellow perch through scale analysis to ensure comprehensive data
- Monitored water quality using Ontario Benthos Biomonitoring Network, dissolved oxygen, conductivity, pH and flow measurements
- Completed benthic macroinvertebrate sampling, collection and invertebrate identification
- Compiled and manipulated data in programs such as Microsoft Excel and Word

**Research Assistant**, Trent University Summer 2020

- Collected data in a lab and used computer programs to analyze and generate reports
- Ensured that the lab and equipment were organized and in proper working order
- Maintained comprehensive knowledge of lab protocol, safety procedures, and SOPs
- Identified 4 habitats during field season contributing to data on amphibious species
- Aided in writing an Environmental impact statement to suggest long-term monitoring related to wildlife

## Additional Work Experience

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**Camp Counsellor**, YMCA Outdoor Centre Summer 2021

## Certifications & Training

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**Love Your Lake Shoreline Assessment certification; WHMIS Training** 2020

**Ontario Boating License, Wilderness & Remote First Aid, CPR-C, and AED Training** 2019