

Jonathan Truong

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OBJECTIVE

B.Sc. Pharmacology graduate with practical GMP/GLP/GDocP knowledge, strong laboratory techniques, and hands-on ERP/LIMS system experience looking to participate in laboratory operations, quality compliance, or administration in a pharmaceutical and biopharmaceutical environments.

EDUCATION

McGill University — Montreal, QC Aug 2022 – Aug 2025 (Expected)
Bachelor of Science in Pharmacology

Vanier College — Montreal, QC Aug 2020 – June 2022
Diploma of College Studies (DCS) in Science

WORK EXPERIENCE

Midtown Sanctuaire — Montreal, QC May 2023 – Ongoing
Lifeguard

- Maintained safety and compliance with Lifesaving Society standards
- Primary first-aid responder and safety lead for the entire establishment
- Ensured proper pool water quality

Complexe aquatique de Saint-Léonard — Montreal, QC June 2019 – Aug 2022
Head Lifeguard and Swim Instructor

- As a head lifeguard, supervised and coordinated teams of 8 lifeguards; managed scheduling, compliance checklists, and daily reports
- Supervised swim lessons and ensured swimmer safety
- Performed pool piping & filtration system maintenance

TECHNICAL SKILLS

- Good Manufacturing Practice (GMP/cGMP) – Health Canada C.01–C.02, FDA 21 CFR Parts 210 & 211
- Good Laboratory Practice (GLP) – Health Canada/OECD, FDA CFR Part 58
- Good Documentation Practice (GDocP) – ALCOA principles for data integrity for GMP/GLP/GCP
- ICH Quality Guidelines (Q1–Q14)
- SOP management, deviation tracking (CAPA), and audit readiness
- Molecular Biology : PCR (and EP-PCR), gel electrophoresis, bacterial transformation, plasmid extraction, protein expression & purification, spectrophotometry, SDS-PAGE (Stain-Free), Western blotting, fluorescence microscopy, quantitative image analysis, and protein structure analysis.
- Organic Chemistry : Chromatographic methods (TLC, column), fractional/simple distillation, liquid-liquid extraction, drying agents, recrystallization, gravity/vacuum/hot filtration, IR spectroscopy, melting point determination, and reflux setup.

- Physiology/Immunology : Hematology tests, immunoassays (hemagglutination, ELISA, complement-mediated lysis), electrophysiology, and EEG signal acquisition & processing (gain, filtering, aliasing).
- Understanding of basic accounting principles (cost classification, financial statements)
- Knowledge of organizational behavior concepts (team dynamics, decision-making, leadership)
- Microsoft Office Suite (Word, Excel, PowerPoint)
- LaTeX – structured documentation and scientific writing
- GitHub and Git – version control and code management
- Ubuntu/Linux – system configuration and open-source deployments
- Blender – 3D modeling for scientific and educational projects

LANGUAGES

- French (fluent)
- English (fluent)

PROJECTS & INDEPENDENT LEARNING

JonTruon.com - Personal Knowledge Repository Website

July 2025 – Ongoing

Built and maintain a personal website curating whitepapers, working papers, and GMP/GLP compliance resources. Demonstrates self-directed learning, regulatory knowledge, and personal brand development.

Pharmaceutical LIMS Deployment (SENAITE)

June 2025 – Ongoing

Installed and configured a GAMP-aligned Laboratory Information Management System (SENAITE 2.6) on Ubuntu 24.04. Customized modules and JSON API endpoints for scalability. Managed manual configuration with Zope and Plone to support controlled workflows and version tracking aligned with GLP/GMP documentation standards.

Open-Source ERP Setup (ERPNext)

May 2025 – Ongoing

Deployed ERPNext to simulate QC lab operations including inventory management, test tracking, and controlled documentation. Designed role-based access control and structured a GMP-compliant chart of accounts. Demonstrated workflow alignment with quality system expectations.

GMP, GLP, and GDocP Self-Education

April 2025 – Ongoing

Studied Good Manufacturing Practices (GMP) under Health Canada (C.02), FDA 21 CFR Parts 210/211, ICH Q-series guidelines, Good Laboratory Practices (GLP) per OECD and FDA 21 CFR Part 58, as well as Good Documentation Practice (GDocP). Gained working knowledge of pharmaceutical and preclinical quality systems, documentation control, data integrity, validation expectations, and regulated workflows.

Custom Desktop Workstation Build

Sept 2024

Designed and assembled a dual-boot Windows/Linux workstation for academic modeling and system testing. Configured hardware (CPU, SSD, cooling), BIOS, and thermal profiles for stable system operation. Used for hosting LIMS, ERP, and scientific visualization tools.