

NOAH MULLER

REGISTERED KINESIOLOGIST

CONTACT

- 604-518-4608
- noahmuller123@gmail.com
- Richmond, BC
- noahmuller.ca

SKILLS

Clinical Skills

- Active Rehabilitation
- Pain Science
- Manual Therapy (IMT)
- Strength & Conditioning
- Biomechanical Analysis
- Postural Assessment
- Client Communication and Education
- Exercise Program Design

Technical Skills

- Python (Data Analysis, ML)
- React (Web Development)
- AI/Prompt Engineering
- Health App Development
- Database Management (SQL)
- GitHub / Version Control



PROFILE

Registered Kinesiologist and Certified Human Movement Specialist (HMS) dedicated to improving client outcomes through evidence-based practice and technological innovation. Enhances traditional assessment and rehabilitation by building custom digital tools, including an open-source pain assessment web app and an AI-powered tool for ROM analysis. A dedicated professional with a 10+ year work history, progressing into leadership roles with 2+ years of experience managing teams and client relationships. Now fully focused on a career in kinesiology and personal training.



EDUCATION

- Bachelor of Human Kinetics** 2019 - 2021
University of British Columbia | Kelowna, BC
Honours: **GPA: 3.95 / 4.33**, UBC Scholarship for Academic Excellence
- Associate Degree of Exercise Science** 2015 - 2018
Capilano University | North Vancouver, BC



CERTIFICATIONS AND LICENCES

- Registered Kinesiologist - BCKA
- CSEP Certified Personal Trainer - CSEP
- Human Movement Specialist (HMS) - Brookbush Institute
- Integrated Manual Therapy (IMT) - Brookbush Institute
- Pain Foundations (Advanced) - Pain BC
- IBM AI Developer Professional Certificate - IBM/Coursera
- See my website www.noahmuller.ca for full list



RELEVANT PROJECTS

- HPPAP - Open Source Pain Assessment Tool
 - Developed an open-source React web app for multidimensional pain assessment.
- Machine Learning Model for Calorie Expenditure
 - Engineered a Python model ($R^2 = 0.75$) to more accurately predict exercise energy expenditure.
- AI-Assisted Goniometric Assessment Tool (MVP)
 - Built a proof-of-concept tool with MediaPipe for automated webcam-based ROM assessment.

NOAH MULLER

REGISTERED KINESIOLOGIST

CONTACT

- 📞 604-518-4608
- ✉️ noahmuller123@gmail.com
- 📍 Richmond, BC
- 🌐 noahmuller.ca

SKILLS

Clinical Skills

- Active Rehabilitation
- Pain Science
- Manual Therapy (IMT)
- Strength & Conditioning
- Biomechanical Analysis
- Postural Assessment
- Client Communication and Education
- Exercise Program Design

Technical Skills

- Python (Data Analysis, ML)
- React (Web Development)
- AI/Prompt Engineering
- Health App Development
- Database Management (SQL)
- GitHub / Version Control

PROFESSIONAL DEVELOPMENT

- Exercise for Older Adults Module (CSEP)
- Bone Metastases & Exercise Course (UBC)



WORK EXPERIENCE

Actual Landscaping | Maple Ridge, BC 2024 - 2025
Landscaper / Lead Hand

- Trained new hires on required skills and how to perform duties safely and effectively.
- Led small teams on projects while coordinate with site supervisor so that tasks are performed on time and within scope.
- Ensured safe operation of heavy equipment through machine inspection and maintenance.

Landesign Landscape Construction Ltd. 2021 - 2023
Vancouver BC

Landscape Supervisor

- Supervised, trained, and mentored a team of 5+ crew members, fostering a collaborative and safety-conscious work environment.
- Acted as the primary liaison for clients and subcontractors, managing expectations and ensuring project alignment from start to finish.
- Planned and executed project timelines, organized material logistics, and conducted quality control to guarantee high standards of work.

Previous Professional Experience 2008 - 2021

- Warehouse Worker, Sysco Canada | Kelowna, BC
- Landscaper, Houston Landscapes & Landscape Transformations | Vancouver, BC
- Construction Worker, Mierau Construction Ltd. | Abbotsford, BC
- Hardscape Installer, Marzstone Contracting & Palmari Landscaping | Vancouver, BC