



Sepehr Massoumi Alamouti

Science Educator | Chemistry (IGCSE/A-Level/IB/AP)

Professional Summary

Experienced Canadian Chemistry and Science educator and subject leader with 15+ years across IGCSE, A-Level, IB, and AP. Proven in standards-aligned curriculum planning, lab-based instruction, and exam-calibrated assessment design. Known for high expectations, clear routines, a strong student wellbeing focus, and collaborative department planning and professional learning.

Education

US Teaching Certification (In Progress)

Moreland University, Washington, DC

Jan 2024 – May 2026

- District of Columbia licensure pathway in Secondary Chemistry

Full-Stack Developer – Graduate Certificate

University of New Brunswick, NB

June 2023 – Jan 2024 | GPA: 3.92

- Applied software development skills to education tools, data workflows, and learning platform integration

M.Ed. – International Teaching

Framingham State University, MA

Sep 2015-May 2017 | GPA: 3.97

- Standards-aligned planning and assessment for international classrooms
- Data-informed instruction to improve outcomes in diverse settings

B.Sc. – Biochemistry & Molecular Biology

University of Northern British Columbia, BC

Sep 2004- Dec 2007 GPA: 3.68

- NSERC Undergraduate Research Award recipient (full scholarship)
- Undergraduate Laboratory Assistant, Cancer Research Laboratory

Post-Secondary Coursework (Transfer Credits)

Langara College, BC

Jan 1999-April 2004

- Completed transferable undergraduate coursework
- supporting later specialization in biochemistry and molecular biology

Nationality: Canadian

Age: 47

Bangkok, Thailand

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Certifications

Thailand Teaching License
(Valid: 2017–2027)

US Teaching License - Chemistry
(Washington, DC – In Progress)

IB Diploma Chemistry (Category 1)

IB MYP Science (Category 1)

Instructional Design (ELVTR)

Product Management (BrainStation)

Professional Skills

Teaching & Curriculum

IGCSE / A-Level / IB / AP Chemistry

Curriculum mapping & unit planning

Assessment design and moderation

Differentiation (EAL/SEN)

Laboratory & Safety

Practical design and supervision

Risk assessments & safety procedures

Data analysis and scientific writing

Learning Technology

Virtual labs and simulations

LMS and digital assessment tools

Feedback workflows and progress tracking

Professional Memberships

American Chemical Society

Royal Society of Chemistry

National Science Teaching Association

Project Management Institute (PMI)

Developer Marketing Alliance

Professional Experience

Subject Head & Chemistry Teacher

Bangkok Christian College

Bangkok | May 2024 – Present

- Lead curriculum design and delivery for IGCSE and A-Level Chemistry.
- Oversee laboratory safety, risk assessments, and equipment management.
- Mentor colleagues and support departmental planning and assessment

Director of Academy & Developer Relations

mimik Technology Inc.

Vancouver, BC | Apr 2020 – Apr 2024

- Designed and led training pathways for developers and technical learners.

Subject Head & Science Teacher

Beanstalk International School

Chengdu, China | Apr 2019 – Jul 2020

- Led inquiry-based IB MYP and DP science curriculum delivery
- Supported interdisciplinary planning, and student-centered pedagogy
- Promoted laboratory-based learning and scientific communication skills

Upper Primary Mathematics & Science Teacher

Anglo Singapore International School

Bangkok | May 2018 – Oct 2018

- Taught upper primary Singapore mathematics and science courses
- Designed assessments aligned with international standards

Subject Head & Chemistry Teacher

Bangkok Christian College

Bangkok | May 2012 – Apr 2018

- Developed and taught AP secondary Chemistry courses
- Designed practical investigations, projects and assessments
- Supported leadership and curriculum development initiatives

Upper Primary Mathematics & Science Teacher

Ladprao Bilingual School

Bangkok | May 2009 – May 2012

- Taught Upper Mathematics and Science instruction to bilingual learners

Mathematics and Science Tutor

VTC Language School

Vancouver, BC | Jan 2008 – Jan 2009

- Tutored high school level Mathematics and Science subjects.

Undergraduate Cancer Research Assistant (Full-time)

Rader Lab, UNBC

Prince George, BC | Jan 2005 – Jan 2007

- Conducted research in the field Biochemistry while completing B.Sc.
- Winner of RiboWest Undergraduate Research Award (2005)