

Mo Ziaei

Computing Scientist - Tutor

Offering programming solutions and tutoring services.

Austin Ave.

Coquitlam, BC

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[LinkedIn](#) & [Portfolio](#)

NZ

WORK EXPERIENCE

Microserve, Burnaby, BC — Deployment Technician

Jan 2024 – Aug 2024

- Configuring and troubleshooting software, networks, and peripherals; performed software installations and system imaging.
- Diagnose, repair, and upgrade PC software and equipment; maintained record-keeping and asset management.
- Provide customer support, deliver equipment orientation, and assist other departments as needed.

Institute of Chinese Language and Culture, Coquitlam, BC — Coding Teacher

Sep 2023 - Dec 2023

- Teaching coding to a class of 20 students, where they will be given instructions on building different projects in JavaScript or Python each session.

Friends of Simon, Burnaby, BC — Lead Tutor

Sep 2021 – Dec 2023

- Provide academic and social support to elementary and secondary students with the primary goal of improving both their numeracy and literacy skills.
- Tutor grade 1 – 12 students in various academic subjects, particularly Mathematics, Natural Sciences and English.
- Guide a team of tutors and facilitate regular communication to aid fostering a collaborative work environment.

United Way BC, Metro Vancouver, BC — Impact Speaker

Sep 2022- Dec 2022

- Had impactful & real story speeches at various venues to more than 50 professional individuals such as engineers.

EDUCATION

Simon Fraser University, Burnaby, BC — Bachelor

Jan 2021- PRESENT

Computing Science Major

Vancouver Community College, Vancouver, BC — Certificate

Sep 2019 - Dec 2020

Computing Science and Software Systems Program

VOLUNTEER EXPERIENCE

Indigenous Tutoring, Burnaby, BC — Tutor

Jan 2024 – PRESENT

- Delivered personalized tutoring to Indigenous pupils, enhancing academic performance and confidence.
- Integrated culturally relevant materials, fostering appreciation and understanding of Indigenous heritage.

Big Brothers, Vancouver, BC — Math Mentor

Sep 2020 – Apr 2022

- Helped students in grade 3-7 to build a strong foundation in math and to improve their grades by optimizing instructional approaches and innovative games.

TECHNICAL SKILLS

Languages/Platforms

(Skilled, Adept):

Python, Java, JavaScript,
HTML, CSS, Unity

Operating Systems:

Windows, Linux

Sound/Audio Editing:

Audacity, SoundBridge

Version Control:

Git and platforms such as GitHub
and GitLab

Achievements/ Accomplishments

Web Application

Enya Learning: Led the development of a tutoring platform, implementing Geo-Matching and AI-Enhanced Engagement to deliver a seamless experience for tutors and parents, using React and Next.js for efficient and user-friendly functionality. Website: enyalearning.ca

Cyber Security App

Hidden Markov model for normal electricity consumption data in R.

Multi-threading & Networking: Lets-talk

Employed various threads to handle keyboard input, UDP datagram reception, message printing, and network communication

Lifesaving Society: Canadian National Lifeguard (2019)

Trained a group of junior school students to be swimmers as part of their summer vacation.