



CLOVERDALE ROBOTICS LEARNING INC.

ADVERTISEMENT FOR Electronics & Computer Programming Instructors

Company Description

At Cloverdale Robotics, we develop innovative product and services using robotics technology that leave a positive impact on society in general. Our education division bring cutting edge robots, industry processes and best curriculum from around the world to Canada to kids age 6 to 17. We organize specialized summer camps, in location classes and outsourced classes in Robotics for various public and private schools.

Instructor Role

Technology programs for kids are gaining momentum and qualified instructors are few. That means we need to find and train awesome instructors to serve an enthusiastic and growing base.

You will be teaching Robotics and Programming to elementary, middle school and high school students. We provide projects and class plans and access to necessary hardware and software. Your job will be to lead our online classes using those. May be our in-school programs in near future, depending on recovery from COVID - after school programs, camps, sampler sessions, and other workshops and events. Program content includes Robotics, Coding and AI. You might also need to keep some hardware with yourself and use it for projects during the classes. You would also require space at your place to demo the robots/hardware. Other role tasks are varied but optional: Project development using Arduino, developing new activities, curriculum development etc.

Qualifications

College Education in Mechatronics/Computers or other closely related disciplines.

Strong Knowledge on Arduino based electronic projects.

Strong Knowledge or experience in Python programming. Must have excellent knowledge with advanced topics and most libraries.

Desirable – Industry Experience.

Desirable – Teaching Experience in Canada.

Desirable – Roblox/Unity/Minecraft for kids programming.



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Desirable – Familiar with Canadian Education System, completed schooling/College in Canada.

Excellent communication skills and experience communicating with children.

Requirements Non-Technical:

Want to have a positive impact on kids

Want to share your love for technology and making.

Dig a relaxed, casual, online work environment but remember it is a work environment.

Learning the Role

We provide necessary training in the courses and walkthrough class plans. Prior to teaching classes, you'll teach mock classes to receive feedback. After that, you will lead classes and events. We do everything we can to train you and make yourself comfortable!

Role Details

Work hours are flexible, but availability must include class times – typically in the afternoons. From 2 pm to 7 pm PST on weekdays and full time or part time on weekends. Summer camps are full time in July & Aug 2021.

Expected start date: 2021-06-01

Salary: \$20-\$35/hour, depending on qualifications.

COVID-19 considerations:

Mostly online classes. Some school classes might also come up in lower mainland, BC, Canada. So prefer candidates from Lower mainland area BC.

Job Types: Part-time/Fulltime, Permanent

Salary: \$20.00-\$25.00 per hour

How to apply: Email resume to: careers@cloverdalerobotics.ca. OR apply on Indeed.com