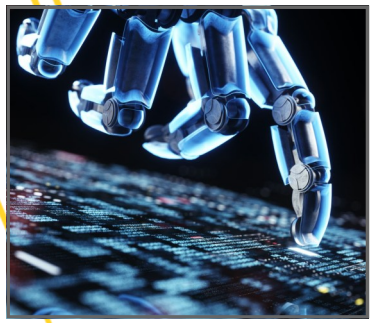
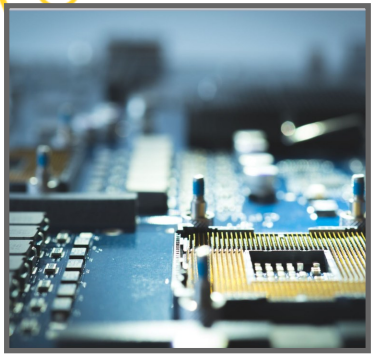
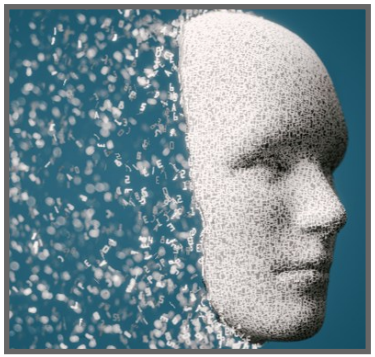
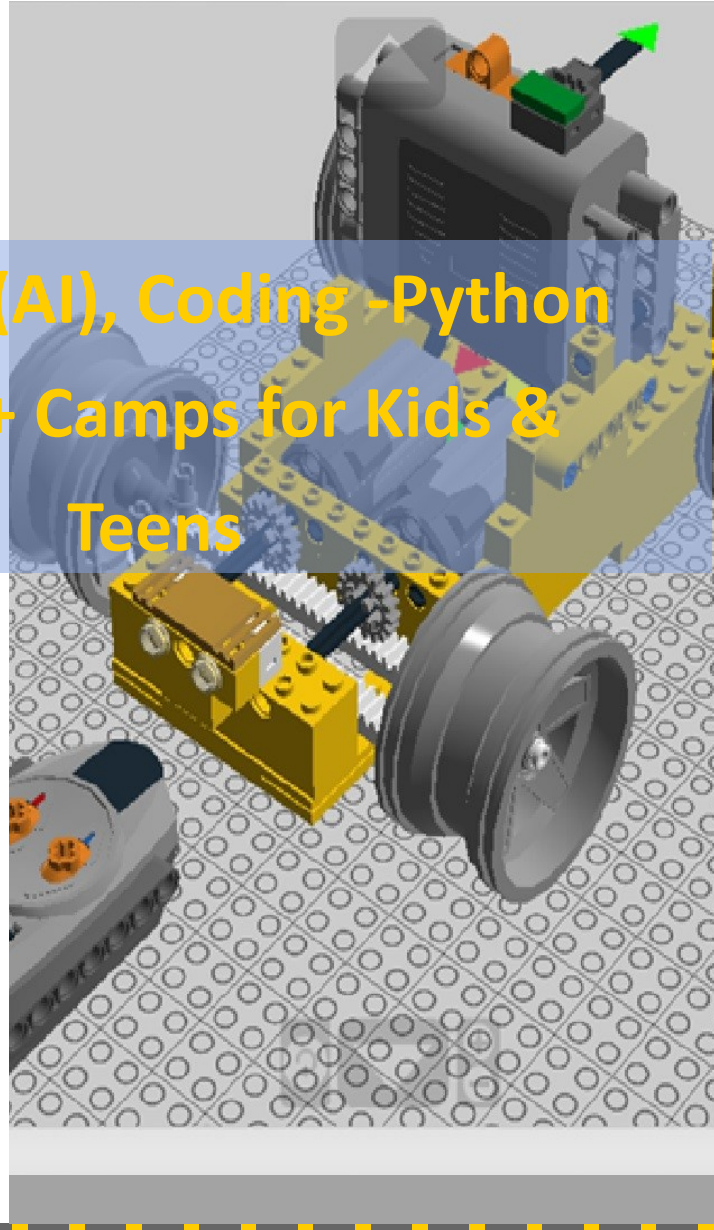






Artificial Intelligence (AI), Coding -Python & Pygame, Java, C++ Camps for Kids & Teens



info@robo-geek.ca

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ROBO-GEEK

AI, Coding, Electronics & Robotics

www.robo-geek.tech

AI Fall 2025 Camps

Python Camps 4 different camps offered:

> Intro to Python (RG-180)

> Intermediate Python (RG-220)

>Advanced Python with Pygame (RG-280)

> Combo (RG 180 220 280)

Artificial Intelligence AI Camps : 4 different camps offered:

> Intro to AI(AI-2000)

> Intermediate AI (AI-2010)

> Advanced AI (AI-2020)

> Combo (AI 2000 2010 2020)

Please check the ***schedule*** to see if you are interested in a particular camp.

System Requirements

- **Requirements for Adults Camps:**

  Laptops or PCs with the following **specifications**:

  > Windows 10/11 Operating System

  > **8 GB minimum**

  > HDD 20 GB free

  > Fast internet access

  > Headphones with microphones preferred

  > Student personal Gmail account

  > Free 30-60 minutes appointment with our technical staff to install all the required software ahead of camp.

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AI Fall 2025 Camps

Python Camps 4 different camps offered:

> Intro to Python (RG-100) (9 hours)

> Intermediate Python (RG-200) (9 hours)

>Advanced Python with Pygame (RG-250) (9 hours)

> Combo (RG 100 200 250)

Artificial Intelligence AI Camps : 4 different camps offered:

> Intro to AI(AI-2000)

> Intermediate AI (AI-2010)

> Advanced AI (AI-2020)

> Combo (AI 2000 2010 2020)

Please check the ***schedule*** to see if you are interested in a particular course.

COMBO PRICES

If the students selects more than one course for camp , they can get the following discounts:

>Python Combo 1 Course . Total $150

>Python Combo 2 Courses. Discount:$20 Total $ 280

>Python **Combo 3 Courses. Discount: $40 Total $410**

>AI Combo 1 Course. Total $300

>AI Combo 2 courses. Discount : $40 Total $560

>**AI Combo 3 Courses Discount is $80, total $ 820**

>**Super Combo Python 3 Courses & AI 3 courses. Discount $200, total: $1150**

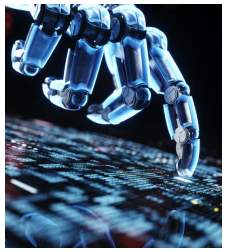
Fall 2025 Kids AI Schedules

Python & Pygame Camps (Tue. Or Thurs.: 5 PM - 6:25 PM):

KP1A > Sept. 16th— Oct. 21st: RG-100 Intro to Python
KP1B> Sept. 18th— Oct. 23th: RG-100 Intro to Python
KP2A > Oct. 28th— Dec. 2nd: RG-200 Intermediate Python
KP2B > Oct. 30th— Dec. 5th: RG-200 Intermediate Python
KP3A> Dec. 9th— Jan. 13th: RG-250 Pygame with classes
KP3B> Dec. 11th— Jan. 29th: RG-250 Pygame with classes

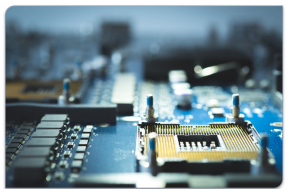
Artificial Intelligence Camps (Mon.: 6:30 PM - 7:55 PM):

KA1> Sept. 19th— Dec. 8th: AI-2000 Intro to AI



AI-2000

AI-2010



AI-2020

Falls 2025 Teens Python Schedules

Python & Pygame Camps (Tue. Or Thurs.: 6:30 PM - 7:55 PM):

TP1A > Sept. 16th— Oct. 21st: RG-100 Intro to Python
TP1B> Sept. 18th— Oct. 23th: RG-100 Intro to Python
TP2A > Oct. 28th— Dec. 2nd: RG-200 Intermediate Python
TP2B > Oct. 30th— Dec. 5th: RG-200 Intermediate Python
TP3A> Dec. 9th— Jan. 13th: RG-250 Pygame with classes
TP3B> Dec. 11th— Jan. 29th: RG-250 Pygame with classes

Artificial Intelligence Camps (Fridays: 6:30 PM - 7:55 PM):

TA1> Sept. 15th— Dec. 12th: AI-2000 Intro to AI

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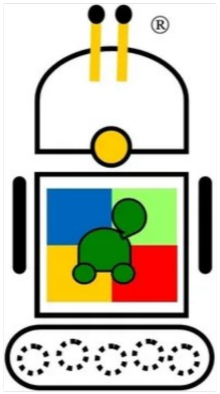
PYTHON and Pygame CAMPS

RG– 100 Intro to Python –

Students will be introduced to Python programming language. Python is a high-level programming language used in many universities and work institutions. Python is powerful and fast, yet friendly and easy to understand. Students will learn the fundamentals of coding



RG– 200 Intermediate

Students will learn about three STEM subjects: Solar System, Bridge Building and Gravity. For each subject, students will create programs in Python to simulate and demonstrate understanding.

RG-250 Advanced Game Programming

In this course students will be introduced to Object Oriented Programming with classes using Python Pygame. Games are highly portable capable to run on nearly every platform and operating system.

Java CAMPS

RG-700: Intro to Java

Students will learn fundamentals of Java, type of variables, statements and operators, arrays, methods, and control structures.

RG-710: Advanced Java

This course will expand Object-oriented programming System (OOPs) concepts. We will cover each and every feature of OOPs in detail : Abstraction, Encapsulation, Inheritance and Polymorphisms. The section for Input /Output has included here too

RG-720: Android Studio with Tablets

Android Studio is a powerful tool based on Java. Students will learn how to work with API (Application Programming Interfaces), Project Structure, gradle, libraries, methods, onCreate() method, MainActivity and XML Layout. Students will learn how to create Apps for Android Tablets using Android Studio.

C++ CAMPS

RG-750: Intro to C++

This course focuses on building practical skills on C++ in preparation for the advanced Robotics courses. From the basics to Object Oriented Programming (OOP) students will learn hands on how to work with C++ standard libraries.

RG-780: Intermediate C++

In this course, students will build practical skills in C++ in preparation for advanced Robotics courses and Game Programming with Epic Games. The course will cover Vectors, Structs, Classes, Pointers, and References using C++ standard libraries

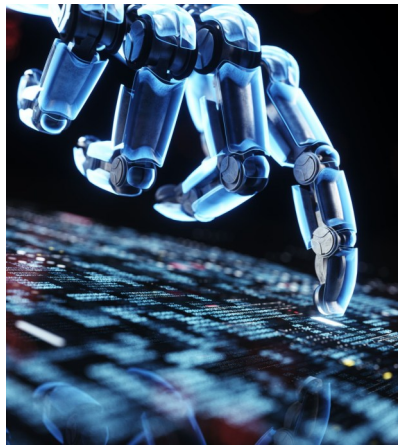
RG-800: Advanced C++

This course is designed to build practical skills in C++ in preparation for advanced Gaming courses. Students will learn about Dynamic Variables, Classes and Structs, OOP Advanced Principles, Exception Handling, and the CMake platform using C++ standard libraries.

Artificial Intelligence (AI) - Python Camps

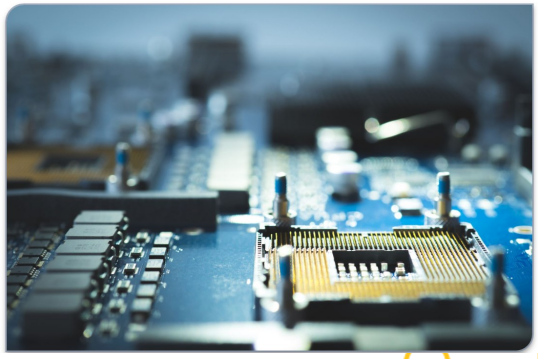
AI

AI-2000: Intro to Artificial Intelligence (AI)



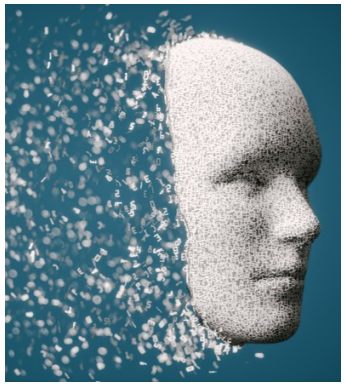
This course provides a foundational understanding of Artificial Intelligence (AI), focusing on Python programming and machine learning concepts. Students will gain hands-on experience using Colab Notebooks and explore real-world applications of AI.

AI-2010: Intermediate Artificial Intelligence (AI)



This course aims to comprehensively understand deep learning, emphasizing practical application using TensorFlow and Colab Notebooks. Students will build a solid foundation in Python programming and delve into advanced TensorFlow techniques checkers.

AI-2020: Advanced AI (Artificial Intelligence)



Master computer vision and natural language processing. Learn image processing, object detection, NLP fundamentals, and advanced models. Hands-on with Google Cloud APIs. Explore LLMs, ethics, and future trends.