Happy Bug Academy

SUMMER SERIES
Public Speaking

June 5 - 9
Or
June 26 – 30
Call for additional sessions

4 - 5 pm EST

ZOOM-based

Max 5 students

$145

MONDAY

We will talk about Do's Don'ts of public speaking. Students will practice public speaking in a safe environment. Learning to speak in a smaller group helps build confidence. We will discuss tips for improvement that we will practice throughout the course

TUESDAY

Students will learn how to build the story during the presentation. We will discuss the beginning, the middle and the ending of the presentation. This format determines how well your audience will perceive you and understand the concept you are presenting. Students will get to practice these steps

WEDNESDAY

Students will learn about delivery speed, pauses, volume, fluency, smoothness, and articulation of words that affect presentations. We will discuss effective ways of communicating your ideas

THURSDAY

In this module we will discuss conversation skills and elevator speeches. Students will learn about importance of gestures, arm movements, facial expressions during conversations. We will discuss the importance of posture, arm movement and a head nod to communicate your thoughts and views effectively. We will discuss the importance of removing killer filler words such as 'um', 'like', 'you know' and how they interfere with the message we are trying to communicate.

FRIDAY

Students will work on a topic they would like to present to the class. They will learn to put together a story board and present it to the class using the techniques that were discussed during this module. Student will also learn to provide and receive constructive feedback.

Happy Bug Academy

SUMMER SERIES

Block Coding




June 12 - 16
Or
July 10 – 14
Call for additional sessions

3 – 4 pm EST

ZOOM-based

Max 5 students

$145

MONDAY

Introduction to Block coding-This 1-week module is designed for our students to build analytical and logical thinking, inspire creativity, and improve presentation skills. Students will learn block coding with a simple visual interface that enables to create digital stories, games, and animations

TUESDAY

Creating story characters-Students will study creating characters, adding animation, visual effects, and sound. They will add movements jump, glide, fly, and speech

WEDNESDAY

Programming characters-We will work on programing with keystrokes and arrow movements. Students will learn to design, program, and demonstrate digital stories using interactive tools

THURSDAY

Building a story or game-Students will build a story or game using various building blocks that they have learned during this week to be presented to the class

FRIDAY

Presentations and feedback. Join us to participate in this exciting, fun filled opportunity and enhance your coding abilities

Happy Bug Academy

SUMMER SERIES
Artificial Intelligence

June 19 - 23
Or
July 17 - 21
Call for additional sessions

3 - 4 pm EST

ZOOM-based

Max 5 students

$145

MONDAY
Introduction to Artificial Intelligence- Students will discuss various AI applications they have seen in everyday activities. Students will work on Jam-board slide to summarize introduction to AI

TUESDAY
Building blocks of AI-Students will discuss various aspects of AI such as machine learning, natural language processing, and robotics. Students will learn machine learning and how it is used in AI. They will learn about image recognition and language translation and machine learning applications

WEDNESDAY
Natural Language Processing (NLP)-Students will learn about NLP and how it is used in AI. We will discuss it's applications. Students will continue working on the presentation.

THURSDAY
Programming an AI module-In this module we will discuss difference between programming AI and traditional programming. They will learn how to program a simple AI system using a visual programming language

FRIDAY
Presentation and feedback. Students will discuss future of AI objectives and its potential impact on society. Students will explore various career options related to AI

Happy Bug Academy

SUMMER SERIES
Financial Literacy

June 26 - 30
Or
July 24 - 28

3 – 4 pm EST

ZOOM-based

Max 5 students

$145

MONDAY

How to budget - This is a great learning opportunity for students to learn about how to earn, save and invest money. We will discuss the money flow and the disadvantages of spending without a budget. This module coaches' students to save and then spend. We will work on an excel spreadsheet that students can use to budget.

TUESDAY

How credit cards work- Students will learn about how Credit cards can be used to make purchases. When you use a credit card, your card details are sent to the merchant's bank. The bank then gets authorization from the credit card network to process the transaction. We will discuss how to pay credit card bills. Students will learn about credit card safety for online purchases.

WEDNESDAY

How Taxes work- Students will learn about Taxes are money collected by the government for the purpose of funding government operations. We will discuss pre-tax and post-tax income. Students will learn about direct taxes and indirect taxes.

THURSDAY

How to start saving early on-In this module we will discuss wants vs needs. Students will learn how to set savings goals, how to track savings, and how to save for emergencies. Students will learn about simple and compound interest

FRIDAY

Google sheets Research project, presentation and feedback: Students will create a presentation on Google sheets about their financial plan to help them understand how to manage finances. This module will empower our students with the knowledge of how to manage monthly expenses and introduce them to investing

Happy Bug Academy

SUMMER SERIES
MICROSOFT-Excel

June 12 - 16
Or
July 10 - 14

4 - 5 pm EST

ZOOM-based

Max 5 students

$145

MONDAY

Students will learn spreadsheet operations such as text formatting, splitting and combining columns, finding and removing duplicates, hiding and unhiding rows and columns and conditional formatting

TUESDAY

Students will learn to insert pivot table and how to use pivot tables to present meaningful insights

WEDNESDAY

Students will learn critical tools that are used for presentations such as V-lookup, graphs and charts and how to format graphs

THURSDAY

We will work on using formulae such as precents, sum, conditional formatting, If-then-else to analyze data

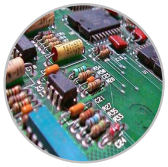
FRIDAY

Students will present the feature that are assigned, to the class using the techniques they learned during this module. Student will also learn to provide and receive constructive feedback.

Happy Bug Academy

SUMMER SERIES
Future Engineers






June 19 - 23
Or
July 31 – Aug 4

4 - 5 pm EST

ZOOM-based

Max 5 students

$145

MONDAY

ELECTRICAL ENGINEERING- Students will learn about a wide variety of projects developed by electrical engineers such as data communication. We will discuss how cell phones work. Students will create a report on the project they would like to work on as an electrical engineer.

TUESDAY

AEROSPACE ENGINEERING -Students will learn about the Mission to Mars. We will discuss parameters that need to be considered if we would like to colonize Mars. Students will start on a project plan to colonize other planets.

WEDNESDAY

BIOMEDICAL & COMPUTER ENGINEERING- Students will learn how biomedical engineers develop medical equipment to help the field of medicine that helps us conduct research and operate on complex health issues bringing wellness & happiness. We will discuss how a computer engineer develops software that satisfies the wants and needs of businesses and consumers.

THURSDAY

MECHANICAL & CIVIL ENGINEERING -Students will be introduced to multiple branches of engineering such as Mechanical and Civil. We will look at some of the amazing projects these fields have worked on. Students will design a project of their choice of engineering field and present it to the team.

FRIDAY

Google JAMBOARD Research project & presentation: Students will create a presentation on Google JAMBOARD tool about the engineering field they would like study and build their career path. Students will also learn to provide and receive constructive feedback.