

List of High School Students upcoming Summer programs/Internship

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Summer Program

Robotics

Manhattan College Summer Program :- Girls Only

Manhattan College is hosting a Summer Program for Minority and Women High School Students interested in Engineering and Science at no cost to the students. This program has been co-sponsored by the A...

https://manhattancollege.formstack.com/forms/summer_engineering_program_registration

Grades: 9,10,11 State: NY
Program date: June 24-29, July 8-12, July 15-19, July 22-26, 2024

Due date: Apr 26, 2024
Fees: Free

Summer Program

Robotics

Kettering University : FRC Advanced Drive Team Challenge

Participants will be given the opportunity to work one-on-one with Clinton Bolinger, an FRC Drive Coach with over 1,200 matches in 16+ Years. This camp will concentrate on accelerated in-match strateg...

<https://www.kettering.edu/academics/precollege/FRCcamps>

Grades: 9,10,11 State: MI
Program date: June 25-28, 2024

Due date: Apr 28, 2024
Fees: \$100

Summer Program

Robotics

University of Mississippi : FIRST Tech Robotics Workshop

FIRST® Tech Challenge students learn to think like engineers. Teams build robots from a reusable kit of parts, develop strategies, document their progress, and compete. Students will gain experience d...

https://www.outreach.olemiss.edu/pre_college/first-tech-robotics/index.html

Grades: 9,10,11 State: MS
Program date: July 8-12, 2024

Due date: June 1, 2024
Fees: \$400

Summer Program

Robotics

Michigan Technological University : Mobile Robotics

Robotics Systems are changing how we interact with the world and allowing us to do things with better efficiency and precision. This week-long exploration lets you jump into the world of mobile robotic...

<https://www.mtu.edu/svp/discover/courses/>

Grades: 10,11 State: MI
Program date: July 14-19, 2024

Due date: Apr 10, 2024
Fees: \$665

Summer Program

Robotics

Maryville University : Summer Science And Robotics Program

An engaging opportunity for students who are interested in science, technology, engineering, art and math (STEAM) fields. We offer high end programming with highly qualified faculty, including profess...

<https://www.maryvilleca2.com/stem/elementary-summer-science-and-robotics-program>

Grades: 9 State: MO
Program date: July 15-19, July 22-26, 2024

Due date: May 2024
Fees: \$TBD

Summer Program

Robotics

CIMSS Student Workshop

The CIMSS Student Workshop was created by CIMSS scientists who wanted to share the exciting nature of scientific research and technology with the pre-college education community. With a goal of attrac...

<https://cimss.ssec.wisc.edu/wxcamp/>

Grades: 9,10,11 State: WI
Program date: July 22-26, 2024

Due date: June 2024
Fees: \$200

Summer Program

Robotics

University of Mississippi : GLObotics - Girls Lead On Robotics

This workshop is intended for students looking to enhance their robotics skills and bring home new skills to their First Tech teams. Experienced team members will enjoy opportunities to dive deep into...

https://www.outreach.olemiss.edu/pre_college/globotics/index.html

Grades: 9,10,11 State: MS
Program date: June 24-28, 2024

Due date: May 1, 2024
Fees: \$400

Summer Program

Robotics

Michigan Technological University : Intro to Robotic Engineering

Interested in how robotic systems are changing the world around us? This week-long exploration will give you a first-hand intro to robotics, along with electrical and computer engineering concepts. Ge...

<https://www.mtu.edu/svp/discover/courses/>

Grades: 10,11 State: MI
Program date: July 7-12, 2024

Due date: Apr 10, 2024
Fees: \$665

Summer Program

Robotics

University of Arkansas : Engineering Scholars Program

The objective of the Engineering Scholars Program is to increase the number of students entering engineering programs in Arkansas through exposure to hands-on engineering projects, plant trips, and in...

<https://ualr.edu/cstem/summer-programs/>

Grades: 9,10,11 State: AR
Program date: June 16 - 22, 2024

Due date: Apr 2024
Fees: TBD

Summer Program

Robotics

Bowie State University : CSA Summer Camp

Founded by Dr Langdon in the Department of Computer Science at Bowie State University, the CSA Summer Camp first launched in 2018 with 17 participants from middle and high schools around the Bowie reg...

<https://howiestate.edu/academics/colleges/college-of-arts-and-sciences/departments/technology-and-security/community-outreach-and-camps/cpu-camp.php>

Grades: 9,10,11,12 State: MD
Program date: June 24-28, 2024

Due date: Apr 19, 2024
Fees: \$250

Summer Program

Robotics

Louisiana State University : eXPloreCS High School

This course is for rising 10th - 12th graders. Do you want to get a head start learning about computer science and programming? Computer Science is one of the fastest-growing fields in today's job mar...

<https://precollege.lsu.edu/courses>

Grades: 9,10,11 State: LA
Program date: June 3 - June 7, 2024

Due date: May 15, 2024
Fees: \$500

Summer Program

Robotics

University of Colorado : Computer Science and Robotics

Through hands-on experiments, programming design and development, students will learn the basics of robot motion, sensors, and control. Students will have a chance to play with several robot platforms...

<https://www.colorado.edu/sciencediscovery/computer-science-and-robotics-grades-9-12>

Grades: 9 State: CO
Program date: July 22-26, 2024

Due date: July 12, 2024
Fees: \$695

Summer Program

Robotics

Arkansas School for Mathematics, Sciences, & The Arts : Ignite Camp

Discover a little bit of everything ASMSA has to offer with this one-week "survey" summer camp. Campers will experience hands-on activities in physical and life sciences, art, computer science, litera...

<https://www.asmsa.org/outreach/summer-at-asmsa/>

Grades: 9,10,11 State: AR
Program date: June 9-15, 2024

Due date: May 3, 2024
Fees: Free

Summer Program

Robotics

Univ. of Wisconsin : Aquatic Robotics

Get your feet wet in the world of Aquatic Robotics. Explore the engineering of navigating on and under the water. We will look at the mechanics and the physics that affect propulsion while we build se...

<https://www.uwgb.edu/camps/aquatic-robotics/>

Grades: 9 State: WI
Program date: June 24-28, August 12-16, 2024

Due date: June 15, 2024
Fees: \$250

Summer Program

Robotics

Kettering University : VEX Drone Flight Aerial Camp

It's a bird! It's a plane! It's a drone from Kettering University! During the Drone Aerial Flight Camp, students will gain hands-on STEM experience as they learn to safely assemble, repair, and progra...

<https://www.kettering.edu/academics/precollege/FRCcamps>

Grades: 9,10,11 State: MI
Program date: June 24-27, 2024

Due date: Apr 28, 2024
Fees: \$500

Summer Program

Robotics

Hofstra Univ : Summer Camp - Robotics

In this course, campers will learn the fundamentals of robot engineering to program their robot to move, spin, throw, react and compete. Using the renowned LEGO Mindstorms EV3 robotics kits to build a...

https://www.hofstra.edu/academics/ce/summer-camp/specialty_robotics.html

Grades: 9,10,11 State: NY
Program date: July 1-12, July 15-26, July 29-Aug 9, 2024

Due date: June 2024
Fees: \$700

Summer Program

Robotics

Florida Agricultural and Mechanical Univ : Empower Ed/INSTI

This two-week summer camp is primarily tailored for high school and select groups of gifted middle schoolers. The camp will introduce the participants to the concepts of clean energy, transportation, ...

<https://www.famu.edu/academics/continuing-education-and-professional-development/summer-camps.php>

Grades: 9,10,11 State: FL
Program date: June 3-14, 2024

Due date: June 21, 2024
Fees: \$0

Summer Program

Robotics

The University Of Utah : Summer Youth Education - Arduino Robotics

Bring your best engineering and digital design skills because you will need them in this extremely STEM-focused class. With Arduino circuit boards and software, you can program your very own autonomou...

https://continue.utah.edu/youth/class/vesci_538_arduino_robotics_age_14_17

Grades: 9 State: UT
Program date: June 18-21, 2024

Due date: May 2024
Fees: \$260

Summer Program

Robotics

Kettering University : VEX Robotics Camps

Participants will assemble and build a chassis and upper structure to complete a challenge. A competition on the last day will allow participants to showcase their designs. ...

<https://www.kettering.edu/academics/precollege/FRCcamps>

Grades: 9,10,11 State: MI
Program date: July 14-18, 2024

Due date: Apr 28, 2024
Fees: \$500

Summer Program

Robotics

Indiana University : Luddy Precollege Summer STEM Program

There is nothing more valuable than experience, and the summer camps at the School of Informatics, Computing, and Engineering provide you with opportunities to explore your passion. You can learn abou...

<https://www.luddy.indiana.edu/student-life/summer-camp.html>

Grades: 9,10,11,12 State: IN
Program date: July 21-27, 2024

Due date: Apr 2024
Fees: \$750

Summer Program

Robotics

Kettering University : FRC Drive Team Training

Experience what it's like to be behind the glass before you ever attend an event! Participants will be given the opportunity to work one-on-one with Clinton Bolinger, an FRC Drive Coach with over 1,200...

<https://www.kettering.edu/academics/precollege/FRCcamps>

Grades: 9,10,11 State: MI
Program date: June 25-27, 2024

Due date: Apr 28, 2024
Fees: \$100

Summer Program

Robotics

South Dakota School of Mines & Technology : Robotics for Beginners

Embark on an Unforgettable Journey into Robotics with "Robotics for Beginners Summer Camp!" Are you a high school student eager to unlock the mysteries of robotics and witness the magic of automati...

<https://www.sdsmt.edu/Academics/Events-and-Outreach/Summer-Camps/Camp--Robotics-for-Beginners/>

Grades: 9,10,11 State: SD
Program date: July 22 -25, 2024

Due date: May 15, 2024
Fees: \$300

Summer Program

Robotics

Illinois Institute : Western Suburbs Commuter Programs - Build Your Own Robot

The objective of the program is to provide an introductory experience to the field of robotics. Students will learn how to work with robotic kits and the Arduino platform to design their own automated...

<https://www.iit.edu/academics/elevate-college-prep/summer-programs/daytime/build-your-own-robot>

Grades: 9,10,11,12 State: IL
Program date: July 22-26, 2024

Due date: May 3, 2024
Fees: \$650

Summer Program

Robotics

Kettering University : FIRST Robotics Camps

Intake Systems Build Camp is part one in a series of Mechanical Design Challenge Workshops. Attendees will start with a pre-built chassis, and be tasked with designing, prototyping, building, testing ...

<https://www.kettering.edu/academics/precollege/FRCcamps>

Grades: 9,10,11 State: MI
Program date: July 2024- Multiple Sessions

Due date: Apr 28, 2024
Fees: \$750

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<p>Summer Program <i>Robotics</i> Worcester Polytechnic Inst : Commuter Launch - Robotics Engineering Discover the interdisciplinary nature of robotic design and operations. Explore concepts of mechanical and electrical engineering, as well as computer science. You will build a small Arduino-based rob...</p> <p>https://www.wpi.edu/academics/pre-collegiate/summer-programs/launch/course-information</p> <p>Grades: 10,11 State: MA Program date: June 24 - 28, 2024 Due date: Apr 30,2024 Fees: \$795</p>	<p>Summer Program <i>Robotics</i> Temple University : Summer Institutes and Intensives - Robotics Institute Learn how to build a mobile robot and program it to perform tasks such as avoiding obstacles, following lane lines, playing music, dancing, and more. This program is an introduction to college-level e...</p> <p>https://admissions.temple.edu/summer/pre-college/find-your-program/interdisciplinary-programs/summer-institutes-and-intensives</p> <p>Grades: 9,10,11,12 State: PA Program date: July 22-Aug 2,2024 Due date: Apr 15,2024 Fees: \$1,300</p>	<p>Summer Program <i>Robotics</i> Northwestern University : VEX Robotics The Accelerated Summer Option (ASO) offers students the opportunity to take a select number of Honors Elective, Honors, and Advanced Placement (AP®) courses in nine weeks. ASO courses can be an excell...</p> <p>https://www.ctd.northwestern.edu/courses</p> <p>Grades: 9,10,11 State: IL Program date: June 23 – July 12, 2024 Due date: May 2024 Fees: \$2,385 (Boarding Adnl)</p>	<p>Summer Program <i>Robotics</i> Fairfield University : Emagination STEM Camps Customize your experience by choosing courses that interest you. Mix-n-match, or choose a focus area to deepen your knowledge. Build your camper's schedule by selecting morning and afternoon courses f...</p> <p>https://education.wolfarm.com/summer-research-high-school/</p> <p>Grades: 9,10,11,12 State: CT Program date: June 30-July 12, July 14-26,2024 Due date: May 2024 Fees: \$3,670</p>
<p>Summer Program <i>Robotics</i> Embry-Riddle Aeronautical University : Robotics & Autonomous Systems Camp Robotics & Autonomous Systems allows high school students, ages 15-18, to learn about exciting future opportunities in the rapidly expanding field of robotics and autonomous systems. Students will wor...</p> <p>https://summercamps.erau.edu/camps/robotics-autonomous-systems-camp</p> <p>Grades: 9,10,11 State: FL Program date: July 21-26, 2024 Due date: May 15,2024 Fees: \$975</p>	<p>Summer Program <i>Robotics</i> Virtual : Rice ELITE Tech – Robotic Engineering: Adding Robot Muscles to Your Inventive Ideas This course will introduce students to the design and use of electric motors in automation (including robots). We will discuss the types of motors and how to select the right type for the application...</p> <p>https://www.rceconnect.org/elitecamp/#Curriculum</p> <p>Grades: 9,10,11 State: IL Program date: July 8-12,2024 Due date: May 15,2024 Fees: \$1,495-\$3,495</p>	<p>Summer Program <i>Robotics</i> Stanford - Education Unlimited : Robotics In Robotics, students will explore the emerging science of robot mechanics as they build and program their robot from scratch, remotely control it, experiment with light and pressure sensors, create d...</p> <p>https://www.educationunlimited.com/camp-sessions/display/camp/robotics-9-11</p> <p>Grades: 10,11 State: CA Program date: July 21-27,2024 Due date: May 2024 Fees: \$2,995</p>	<p>Summer Program <i>Robotics</i> North Central College : Emagination STEM Camps Customize your experience by choosing courses that interest you. Mix-n-match, or choose a focus area to deepen your knowledge. Build your camper's schedule by selecting morning and afternoon courses f...</p> <p>https://education.wolfarm.com/summer-research-high-school/</p> <p>Grades: 9,10,11,12 State: IL Program date: June 16-28, June 30-July 12,2024 Due date: May 2024 Fees: \$3,670</p>
<p>Summer Program <i>Robotics</i> Miami University : Summer Scholars Program - Design and Build an Interactive Robot The Summer Scholars Program provides a rich, early college experience for academically-talented rising high school juniors and seniors from across the globe. Students will join an engaged community of...</p> <p>https://miamioh.edu/visit-miami/summer-scholars/index.html</p> <p>Grades: 10,11 State: OH Program date: July 7-12, July 14-19,2024 Due date: Mar 5, 2024 Fees: \$1,080</p>	<p>Summer Program <i>Robotics</i> Illinois Institute : Chicago Residential Summer - Build Your Own Robot The objective of this program is to provide an introductory experience to the field of robotics. Students will learn how to work with robotic kits and the Arduino platform to design their own automate...</p> <p>https://www.iit.edu/academics/elevate-college-prep/summer/residential/build-your-own-robot-mies</p> <p>Grades: 9,10,11,12 State: IL Program date: July 29-Aug 2,2024 Due date: May 3,2024 Fees: \$1,500</p>	<p>Summer Program <i>Robotics</i> NYU : Summer Program in Automation, Robotics, and Coding (SPARC) The Summer Program for Automation Robotics and Coding (SPARC) introduces students to the basics of robotics, mechatronics and programming. This is a 2 week, full-day summer program for rising 9th thro...</p> <p>https://engineering.nyu.edu/academics/programs/k12-stem-education/sparc</p> <p>Grades: 10,11 State: NY Program date: June 17 – 28, July 8-19, July 29-Aug 9,2024 Due date: May 1,2024 Fees: \$3,025</p>	<p>Summer Program <i>Robotics</i> Rosemont College : Emagination STEM Camps Customize your experience by choosing courses that interest you. Mix-n-match, or choose a focus area to deepen your knowledge. Build your camper's schedule by selecting morning and afternoon courses f...</p> <p>https://education.wolfarm.com/summer-research-high-school/</p> <p>Grades: 9,10,11,12 State: PA Program date: June 25-July 13, 2024 Due date: May 2024 Fees: \$3,670</p>
<p>Summer Program <i>Robotics</i> Seton Hall University : Giant Leap Summer Science Program -Mechanics High school students have an opportunity to gain basic and advanced hands-on experience to prepare for the world of science research. Discover your potential in Astronomy, Mechanics, Electronics and R...</p> <p>https://www.shu.edu/summer/giant-leap.html</p> <p>Grades: 10,11 State: NJ Program date: July 22-26,2024 Due date: June 2024 Fees: \$1200</p>	<p>Summer Program <i>Robotics</i> University of Texas-Austin : Robotics Academy There are many fantastic software tools that we use both for programming real robots and for simulating robots in research labs both at UT Austin and elsewhere. Attendees can look forward to: - Rob...</p> <p>https://www.cs.utexas.edu/outreach/academies/robotics</p> <p>Grades: 9,10,11 State: TX Program date: June 16-21, June 23-28,2024 Due date: May 1,2024 Fees: \$2,100</p>	<p>Summer Program <i>Robotics</i> Marist College : Summer Pre-College: Robotics Are you interested in a hands-on learning experience while solving mechanical problems and working with a team to find solutions? Students who enroll in the Marist Summer Pre-College Robotics course w...</p> <p>https://www.marist.edu/admission/pre-college/robotics</p> <p>Grades: 9,10,11,12 State: NY Program date: July 14-27, 2024 Due date: June 15, 2024 Fees: \$3,500</p>	<p>Summer Program <i>Robotics</i> Emory University : Rice ELITE Tech – Robotic Engineering: Adding Robot Muscles to Your Inventive Ideas This course will introduce students to the design and use of electric motors in automation (including robots). We will discuss the types of motors and how to select the right type for the application...</p> <p>https://www.rceconnect.org/elitecamp/#Curriculum</p> <p>Grades: 9,10,11 State: GA Program date: June-July,2024 - Multiple Sessions Due date: May 15,2024 Fees: \$3,795</p>
<p>Summer Program <i>Robotics</i> Seton Hall University : Giant Leap Summer Science Program -Robotics High school students have an opportunity to gain basic and advanced hands-on experience to prepare for the world of science research. Discover your potential in Astronomy, Mechanics, Electronics and R...</p> <p>https://www.shu.edu/summer/giant-leap.html</p> <p>Grades: 10,11 State: NJ Program date: July 8-12,2024 Due date: June 2024 Fees: \$1200</p>	<p>Summer Program <i>Robotics</i> Boston Leadership Institute : Electronics & Robotics This program employs principles of mechanical engineering, electrical engineering, and computer science while students design and assemble robotic vehicles and machines. Students will write computer c...</p> <p>https://www.bostonleadershipinstitute.com/electronics-robotics/</p> <p>Grades: 9,10,11 State: MA Program date: June 24-July 12, 2024 Due date: May 15,2024 Fees: \$2,200</p>	<p>Summer Program <i>Robotics</i> University of the Pacific : Pre-college Summer Programs - Mobile Robotics The field of mobile robotics is rapidly evolving, with companies using the technology everywhere from vacuuming cleaning robots to self-driving cars. Students will get an introduction to this exciting...</p> <p>https://www.pacific.edu/about-pacific/summer/precollege-summer-program/learning/robotics-camp</p> <p>Grades: 9,10,11,12 State: CA Program date: June 2-13, June 18-28,2024 Due date: May 2024 Fees: \$3500</p>	<p>Summer Program <i>Robotics</i> Rice University : Rice ELITE Tech – Robotic Engineering: Adding Robot Muscles to Your Inventive Ideas This course will introduce students to the design and use of electric motors in automation (including robots). We will discuss the types of motors and how to select the right type for the application...</p> <p>https://www.rceconnect.org/elitecamp/#Curriculum</p> <p>Grades: 9,10,11 State: TX Program date: June-July,2024 - Multiple Sessions Due date: May 15,2024 Fees: \$3,795</p>
<p>Summer Program <i>Robotics</i> Louisiana State University : Robotics The Robotics course uses VEX Robotics parts and RobotC software to introduce the student to the foundations of robotics, including basic programming, actuators, mechanisms, and sensors. This course wll...</p> <p>https://precollege.lsu.edu/courses</p> <p>Grades: 9,10,11 State: LA Program date: July 15–26, 2024 Due date: May 15,2024 Fees: \$1,250</p>	<p>Summer Program <i>Robotics</i> Hofstra Univ : Robotics Camp - LEGO & Sphero Robotics Build and Code Real Robots! In this course, our camper engineers will learn the core skills of robotics as they build and program their robots to move, spin, throw, dance, and react to the world arou...</p> <p>https://www.hofstra.edu/academics/ce/summer-camp/specialty_robotics.html</p> <p>Grades: 9,10,11 State: NY Program date: July 29-Aug 9,2024 Due date: June 2024 Fees: \$2,250</p>	<p>Summer Program <i>Robotics</i> Summer Discovery : UCLA - Building Bots: A Robotics Journey In this class, you will build your very own robot while you expand your knowledge of computer science. This comprehensive course provides students with a strong foundation in robotics, combining theor...</p> <p>https://www.summerdiscovery.com/courses/computer-science-and-technology</p> <p>Grades: 9,10,11 State: CA Program date: June 30-July 19, July 21-Aug 9,2024 Due date: May 10,2024 Fees: \$3,599 onwards</p>	<p>Summer Program <i>Robotics</i> UCLA : Rice ELITE Tech – Robotic Engineering II: adding sensors for your robot to see, hear, feel, and smell This course will introduce students to the design and use of electric motors in automation (including robots). We will discuss the types of motors and how to select the right type for the application...</p> <p>https://www.rceconnect.org/elitecamp/#Curriculum</p> <p>Grades: 9,10,11 State: CA Program date: June-July,2024 - Multiple Sessions Due date: May 15,2024 Fees: \$3,795</p>

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