CAMP: ASPIRE
UBTECH
AT-HOME SUMMER PROGRAMS IN ROBOTICS & ENGINEERING
UBTECH Education is excited to bring a great opportunity for kids 8+ this summer in the form of a virtual robotics camp that features our UKIT and JIMU Robot products. And if your child is new to robotics or a seasoned veteran, there are multiple class offerings for all levels. This summer program will not only bring robotics to your budding inventor, designer, or engineer but create hours of learning, solving, and fun.
### UBTECH Virtual Robotics Camp Descriptions

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<tr>
<th>#</th>
<th>Course Title</th>
<th>Product</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Robotics, Coding and Engineering</td>
<td>UKIT</td>
<td>Beginner Ready to start a journey exploring robots? This is the introduction to learning the basics of programming, engineering and robotics. Students start by building and programming basic robots to do simple tasks and quickly progress to designing more complex robotic creations that will get them excited about engineering. Students learn the basics of programming by developing computational thinking skills through fun hands-on exploration, troubleshooting in the context of real-world scenarios. This camp is perfect for students that want to jump into robotics and coding in a fun low-key environment.</td>
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<td>2</td>
<td>Animal Robots: Designing robots to mimic animal movements</td>
<td>UKIT</td>
<td>Beginner Biomimicry is the concept of using nature as inspiration for building objects, buildings and even robots! In this camp, students are going to use what they can observe in nature as inspiration for a robot they design, build and program. First students dive into the natural world to hone their skills by becoming a naturalist. Then they see how they can translate their observations through a robot they design and program. Students explore how biology, art and robots can all be linked. This is the perfect camp for students who may be new to robotics and want to make a big jump into how engineering encompasses multiple disciplines.</td>
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<td>3</td>
<td>Robotics and Sensors: Building robots to interact with the world</td>
<td>UKIT</td>
<td>Intermediate Just like humans, robots need sensors in order to understand the world. However, the way that robots make sense of their surroundings is different from the way we do. In this camp, students dive into how sensors and computers process information to explore and make sense of the world. Students will build and program multiple sensors to expand their computational and engineering design thinking skills. Students will participate in multiple activities that challenge them to think like engineers and solve tough problems by utilizing robotics. This is the perfect camp for students that want to challenge their engineering skills and learn new ways to use robots in practical ways.</td>
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<td>4</td>
<td>A Helping Hand: Designing robots to solve problems</td>
<td>UKIT</td>
<td>Intermediate Robots are a lot more than just toys, robots can help solve big real-world problems. From robotic arms sorting recycling to robots taking temperatures in hospitals, robots can be very useful members of our communities. In this camp, students dive into different applications of robotics and then design a robot to solve a problem that matters to them. Focusing on positive uses of technology, students will creatively think about how they can use robotics for a useful purpose. Participating in the engineering design process, students will expand programming skills by prototyping and iterating on a robot that is important to them. This camp is perfect for the student that wants to use their engineering skills to contribute to their communities!</td>
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## CAMP CALENDAR

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*Subject to change, please check registration portal for most up to date schedule*
WE NEED TEACHERS

Instructors will deliver a week-long virtual camp that will meet for 2 hours per day via video conferencing. Instructors may choose to facilitate up to 3 camps per week for as little as two weeks or as many as ten weeks from June-August.

Compensation: $600-$700
Teachers will receive training and UKITS which are theirs to keep

Requirements:
• Valid K-12 teacher certification OR 3+ years of teaching experience in STEM subjects
• Excellent communication skills
• Access to own equipment including laptop/desktop, stable internet connection, webcam, microphone, and speakers
• Coding experience preferred but not required
• Must pass a background check

Application:
https://forms.gle/sgb81Ek3Kp6qq1cq9

Questions can be sent to education@ubtrobot.com
CAMP ASPIRE PRICING

1 Week Beginner Price for Ecosystems
$350.00
(Price if purchased through UBTECH - $400)

1 Week Intermediate Price for Ecosystems
$425.00
(Price if purchased through UBTECH - $500)
ECOSYSTEM BENEFITS

**Scholarships** - $1M target for the summer, $100,000 in scholarships guaranteed. Ecosystems members will earn 1 scholarship for every 10 enrolled.

**Hardware to Keep Forever** - ‘Asset for the Community’

**Teachers from your Communities Hired** - $600-$700 stipend received based on qualifications & experience

**A Specially Trained Set of Students** - With critical skills for future STEM careers
Individual Families

Individual families in your community can participate & enroll children directly into CAMP:ASPIRE using your Ecosystem Code. (Your Ecosystem will receive scholarship credit.)

Robot kits stay in-home with families or can be donated back into the Ecosystem post-camp.
CAMP ASPIRE AUDIENCES

Community-Based Organizations

**OPTION 1** - Organizations in your Ecosystem can purchase facilitated Camps for local students. **Robot kits would be on-loan to families and recovered post-camp.**

**OPTION 2** - Local organizations in your Ecosystem can purchase Camp Toolkits & receive professional development & needed curriculum to operate the camps in their communities. The costs for this model are $299 for the beginner set & $399 for the intermediate. **Robot kits would be on-loan to families and recovered post-camp.**
Webinar Follow-Up

Wednesday, May 6 at 1 PM ET

Register Here:
https://us02web.zoom.us/webinar/register/WN_WvNp67n5SqOzdq5MqmYjZA

Interest Questionnaire:
https://forms.gle/GTyAgp6Gii9nRpRi9