

# 2020 WATG TEEN CONFERENCE

## ENGINEERING DESIGN USING THE ARDUINO® UNO

- Sunday, October 18, 2020, 9:00 a.m.-Noon
- Virtual Workshop
- \$60 Workshop fee, includes kit and activities
- Access from your computer

Coding in C++  
Engineering Design  
Robotic Arm Motion Controls

Electrical Circuits  
Computational Thinking  
Project-Based Learning

JACOB MOELLER

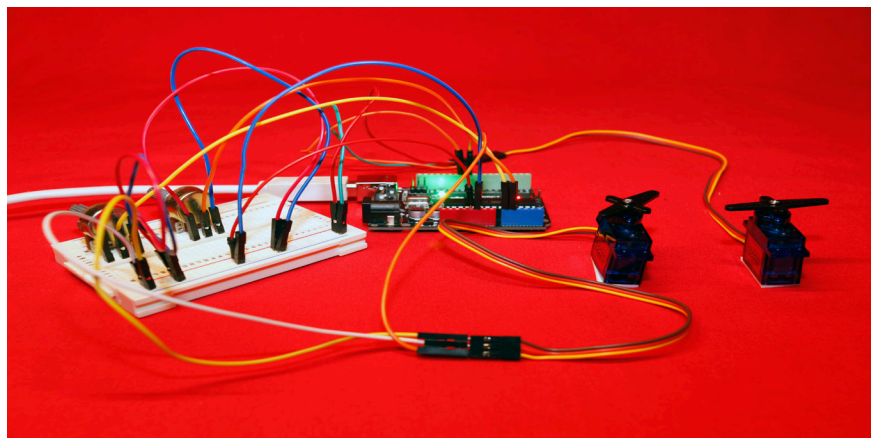


Isabel Mendiola is an award-winning teacher from Monterrey Mexico who has taught physics, chemistry, programming, and robotics in several schools.

Peter Haydock is an award-winning curriculum developer who has worked for National Geographic and Smithsonian.

Their first curriculum together is *The ARDUINO® Classroom: STEAM Edition*. It is a 240-page curriculum that presents 25 classroom-tested, engaging projects with step-by-step instructions.

The Arduino® UNO is an inexpensive, flexible, and easy to use open-source microcontrollers perfect for learning engineering, design, and coding. The UNO is designed to work with hundreds of inexpensive connection, input, and output devices, ranging from Wi-Fi® connections to LEDs and buzzers to light, motion, and gas sensors.



**Teen Conference Registration**  
Please visit [WATG.org](http://WATG.org) for more details.

Students pay a discounted rate of \$60 to get the Kit with required materials and activities that will be shipped directly to their house address. Income based scholarships are available for eligible students.

