

# GIRLS WHO HACK CODE!

A BWSI EMBEDDED SECURITY CRASH COURSE

MITRE Project

CAPTURE THE FLAG

CYBER COMPETITION!



No Cost!



```
char release_message[1025];  
// get release message  
for (int i = 0; i < release_message_length; i++) {  
    release_message[i] = uart_read(UART1, BLOCKING, &read);  
    comboMetadata[54+i] = release_message[i];  
}
```

LEARN TO CODE PYTHON!

```
// Create 32 bit word for flash programming, version i  
uint32_t metadata = ((size & 0xFFFF) << 16) | (version & 0xFFFF);  
program_flash(METADATA_BASE, (uint8_t*)&metadata, 4);  
fw_release_message_address = (uint8_t *) (FW_BASE + size);
```

**NO PRIOR EXPERIENCE REQUIRED!**

**Who:** Female High School Juniors interested in learning about code and hacking! Beginners encouraged!  
**When:** Saturdays 11am-2pm (EST) - 10/17, 10/24, 10/31, 11/7, 11/14, 11/21, 12/5, 12/12  
**Where:** Virtually, through Zoom!  
**Registration Form:** Scan the QR Code to the right-OR-visit [https://mit-bwsi.formstack.com/forms/bwsi\\_fall\\_2020](https://mit-bwsi.formstack.com/forms/bwsi_fall_2020)



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