

# CSAW'23

Thank you!

**DTCC**

**Google**

**conEdison**



**TRAIL  
OF BITS**

**efabless.com**

**DARKTRACE**

**TIAA**

**T.RowePrice**



**NYSTAR**

**intel**



**snyk**

**SYNOPSYS**



**Zellic**



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## Hack3D Competition Winners

3rd



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## Hack3D Competition Winners



**2nd Place**  
Team Tesseract

Bhairav Phukan  
Xingang Li  
Siyu Chen  
Ronnie Stone

**1st Place**  
Missile Pav

Aakar Jain  
Sanskar Jain  
Sumiran Maiskar  
Vishnu Bansal

**3rd Place**  
Team Roar 2.0

Flanagan Waldherr

2nd

1st

3rd



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## LLC Competition Winners

3rd



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## LLC Competition Winners



**2nd Place**  
Logic Wardens

Yeganeh  
Aghamohammadi  
Jaber Daneshamooz

**1st Place**  
Bytewise Bandits

Sudipta Paria  
Aritra Dasgupta  
Pravin Gaikwad  
Tanzim Mahfuz

**3rd Place**

/

2nd

1st

3rd



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## Capture The Flag Competition Winners

3rd



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## CTF Competition Winners



**2nd Place**

grayhat

**1st Place**

stackphish

**3rd Place**

sigpwny

**2nd**

**1st**

**3rd**



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## LLM Attack Competition Winners

3rd



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## LLM Attack Competition Winners

**2nd Place**  
Cipher Pol

Suriya Prakash  
Jambunathan  
Krishnan Navadia

**1st Place**  
TeamLLP

Milind Daftari  
Pranava Kumar  
Harshit Rajpal

**2nd Place**  
LLMa PwN

Mahmoud Shabana  
Ethan Sam  
Chenyu Gu

2nd

1st

2nd



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## AI Hardware Attack Competition Winners

3rd



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## AI Hardware Attack Winners



**2nd Place**  
Hardware  
Hacksmiths

Sudipta Paria  
Aritra Dasgupta  
Pravin Gaikwad

**1st Place**  
Hehe2023

Guohua Yin  
Xinze Wang  
Xi Wang

**3rd Place**  
SystemsGenesis

Eleftherios Batzolis

2nd

1st

3rd



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## AI Hardware Attack Efabless Award

**1st Place**  
Cinestav-DD

Emilio Isaac  
Baungarten Leon

1st

3rd



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## Applied Research Competition Winners

3rd



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## Applied Research Competition Winners

### 2nd Place

Security and Privacy  
Failures in Popular 2FA  
Apps

Conor Gilsenan

2nd

### 1st Place

How the Great Firewall  
of China Detects and  
Blocks Fully Encrypted  
Traffic

Jackson Sippe

1st

### 3rd Place

/

3rd



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## Embedded Security Competition

3rd

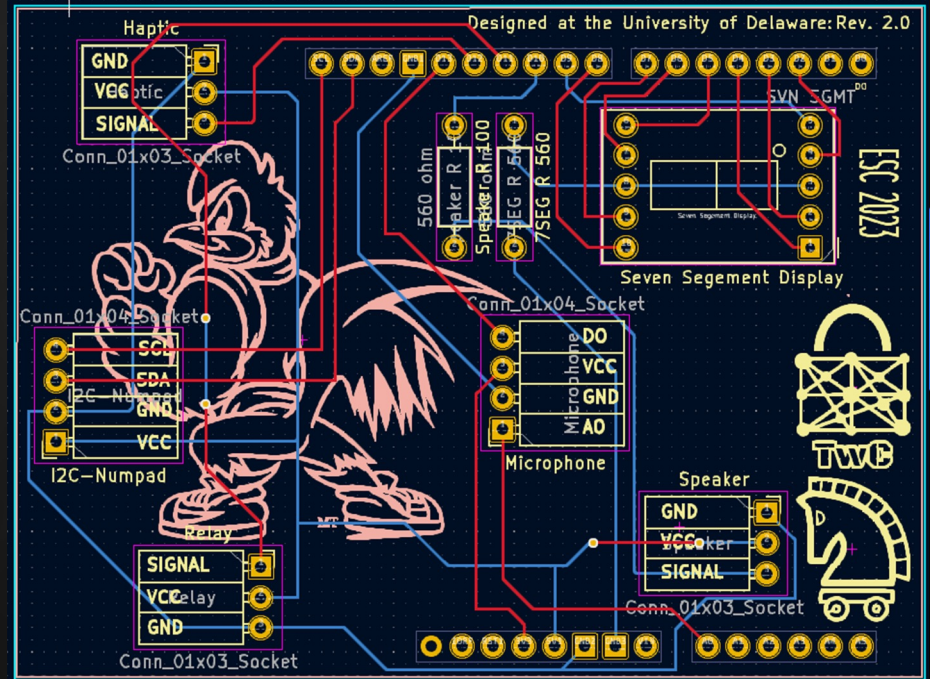


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- 20 teams across all regions
- Goal: exploit side channels on custom embedded hardware
- 6 challenges





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## ESC Acknowledgement



Special thanks to:

- **NSF (Grant Number 2234974)** for supporting the development of this year's challenges
- **Brandon Bauer** for the hardware design
- **Dr. Nektarios Tsoutsos**, our advisor, for support and guidance
- **NYU team** for their help!!!
  - **Aishwarya, Alesha, Avani, Jainam, Marlett, Racquel, Ramesh, Rick, Sophija, Stef**
- **We are very grateful to our judges** for their support



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## ESC Top-4 (Judge Scores only)

In Alphabetical Order (unranked)

**bo1lers**  
Purdue  
(USA)

**CU Cyber**  
Columbia  
(USA)

**SENTRY**  
KAUST  
(MENA)

**TAMU Cyber**  
Texas A&M  
(USA)



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## ESC Overall Scores

**SENTRY**  
KAUST  
(MENA)

**77.5 Points**

**TAMU Cyber**  
Texas A&M  
(USA)

**75.4 Points**

**CU Cyber**  
Columbia  
(USA)

**74.9 Points**

**bo1lers**  
Purdue  
(USA)

**67.1 Points**



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## ESC Top Solves (all regions)

**InfoSecIITR**

IIT Roorkee  
(India)

**6 Solves**

**Cope Studio**

IIT Roorkee  
(India)

**6 Solves**

**BitsFromBZH**

UBS  
(France)

**6 Solves**



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