

AIoT Developer InnoWorks

Code the Future

어드밴텍 IoT 솔루션 공모전

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InnoWorks: 2019 Review

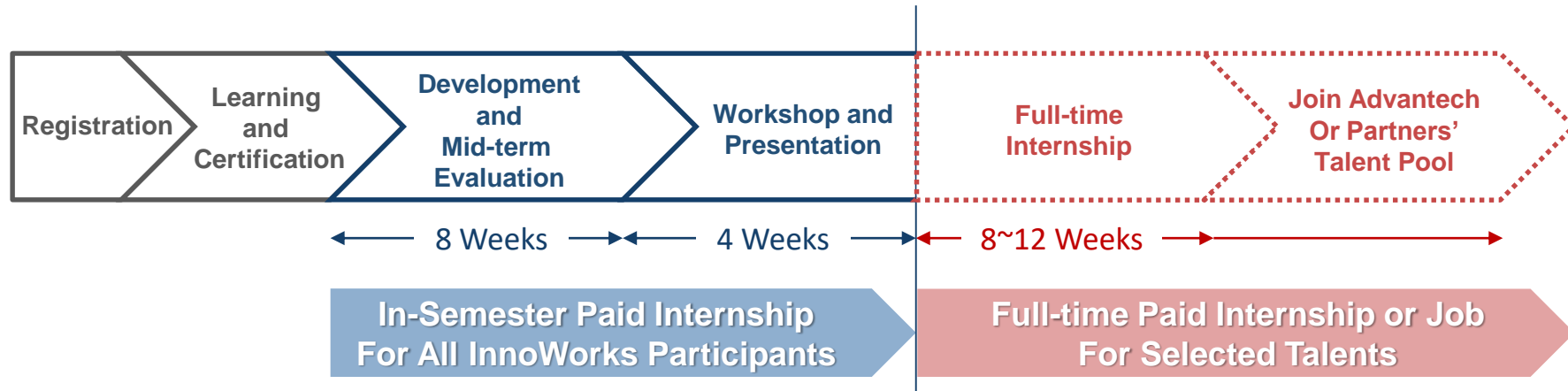
[Website](#)

[Video](#)



2020 InnoWorks: A Program for the Future AIoT Talents

- Lab assignment/elective subjects of IoT courses in selected universities around the world
- Students who participated in the project are granted 12-week part-time internship compensation
- Exact schedule depends on schools' calendar



Topics for the First Twelve Weeks

Bring Your Own Topics

- Welcome industrial IoT related topics from labs assignment or elective courses
- Suggested to be within the scope of smart manufacturing, energy and environment, healthcare, smart retail or logistics

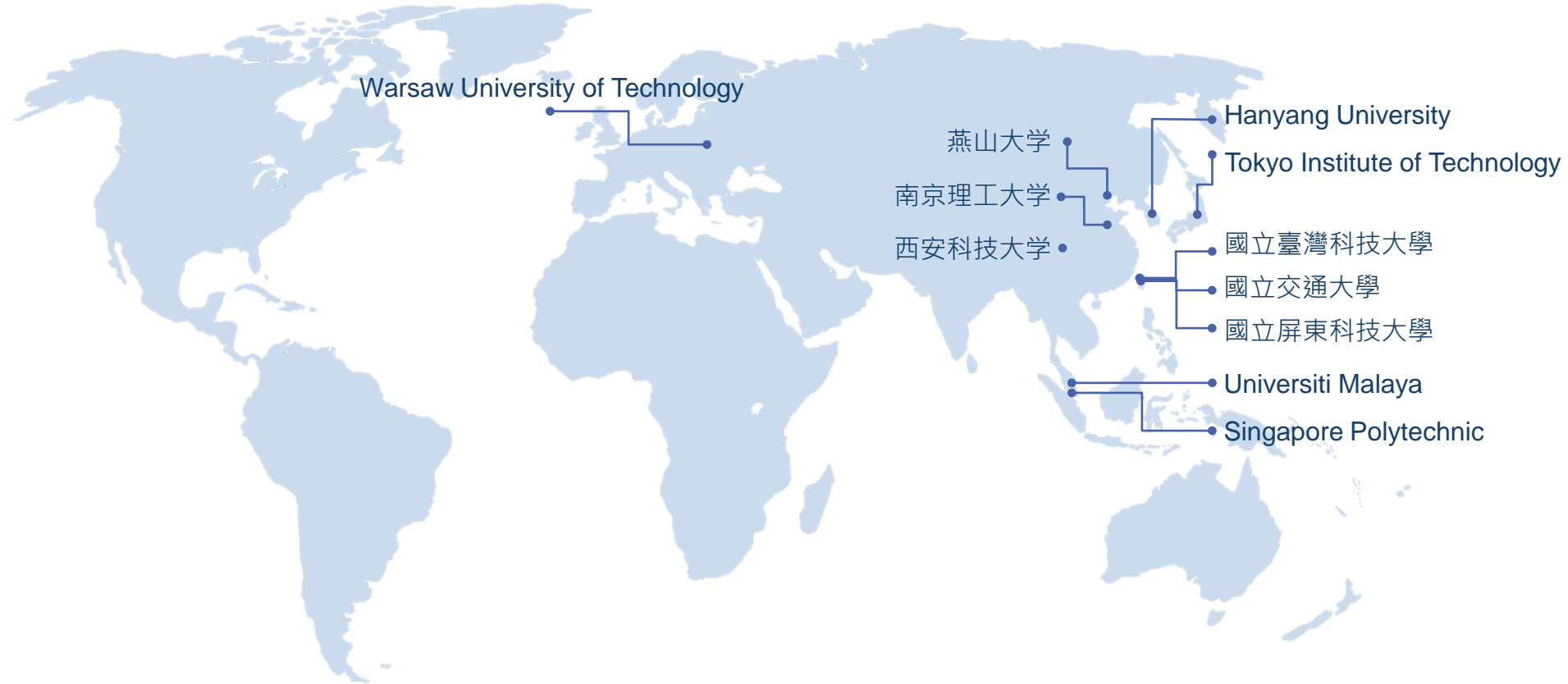
OR

Select a Topic from Us

- Advantech and/or partners will provide a list of topics for you to choose if preferred

2020 InnoWorks: Call for Application

The schools listed below are just an example. Welcome RBU's nomination and input



Suggested Background Knowledge of Participants

Must Have Knowledge

1. One of the relational databases: PostgreSQL, MS SQL Server, MySQL, etc.
2. One of the NoSQL databases: MongoDB, Redis, Memcached, Dynamo, etc.
3. One of the programming / scripting languages: Python, JavaScript, Java, C++, etc.
4. Git & GitHub
5. One of the message queuing protocols: AMQP, MQTT, or CoA

Good to Have Knowledge

1. One of the cloud services: AWS, GCP, Azure, etc
2. Frameworks: Flask or Node.js
3. RESTful API implementation
4. HTML & CSS
5. Message broker frameworks: RabbitMQ or Kafka

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