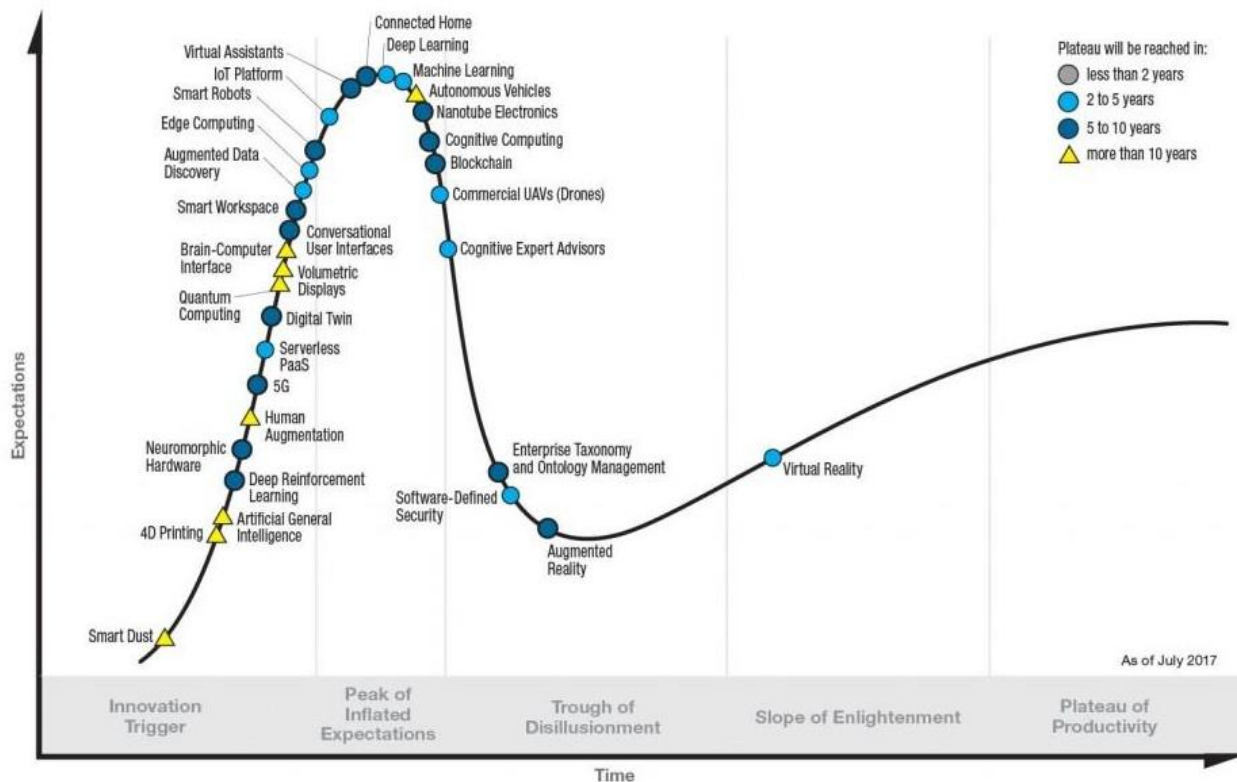# AI IS THE NEW ELECTRICITY

«Just as electricity transformed almost everything 100 years ago, today I actually have a hard time thinking of an industry that I don't think AI will transform in the next several years.»

Dr. Andrew Ng

GARTNER'S HYPE CYCLE FOR EMERGING TECHNOLOGIES, 2017

Plateau will be reached in:
- less than 2 years
- 2 to 5 years
- 5 to 10 years
- more than 10 years

Connected Home
Deep Learning
Virtual Assistants
Machine Learning
IoT Platform
Autonomous Vehicles
Smart Robots
Nanotube Electronics
Edge Computing
Cognitive Computing
Augmented Data Discovery
Blockchain
Smart Workspace
Commercial UAVs (Drones)
Conversational User Interfaces
Brain-Computer Interface
Cognitive Expert Advisors
Volumetric Displays
Quantum Computing
Digital Twin
Serverless PaaS
5G
Human Augmentation
Neuromorphic Hardware
Enterprise Taxonomy and Ontology Management
Deep Reinforcement Learning
Virtual Reality
Artificial General Intelligence
Software-Defined Security
4D Printing
Augmented Reality
Smart Dust

As of July 2017

Expectations

Innovation Trigger | Peak of Inflated Expectations | Trough of Disillusionment | Slope of Enlightenment | Plateau of Productivity

Time

http://www.gartner.com

THREE TRENDS

AI Everywhere

Deep Learning
Deep Reinforcement Learning
Artificial General Intelligence
Autonomous Vehicles
Cognitive Computing
Commercial UAVs (Drones)

Conversational User Interfaces
Enterprise Taxonomy
Ontology Management
Machine Learning
Smart Dust
Smart Robots
Smart Workspace

Transparently Immersive Experiences

4D Printing
Augmented Reality
Brain-Computer
Interface
Connected Home

Human Augmentation
Nanotube Electronics
Virtual Reality
Volumetric Displays

Digital Platforms

5G
Digital Twin
Edge Computing
Blockchain
IoT Platform

Neuromorphic Hardware
Quantum Computing
Serverless PaaS
Software-Defined Security

ANNOUNCING: INTEL SOFTWARE® STUDENT DEVELOPER PROGRAM FOR AI

With the Intel® Software Student Developer Program, our goal is to drive awareness and adoption of AI at the academic level by showcasing and highlighting the expertise, inspiration and innovation of students, and Intel Student Ambassadors, and their successes with Intel Architecture

In doing so, we plan to engage, educate, recruit, support and coach students and ambassadors across universities worldwide.

- **Educate** students, on campus, in person and begin to build a relationship between students, professors, universities and Intel

- **Recruit** qualified Student Ambassadors from Workshops and other touch points such as DevMesh and Webinars

- **Support** them with **IA access** and **training**

  Coach and help them to deliver **innovative ideas**, **expert content** and **student training** to others students
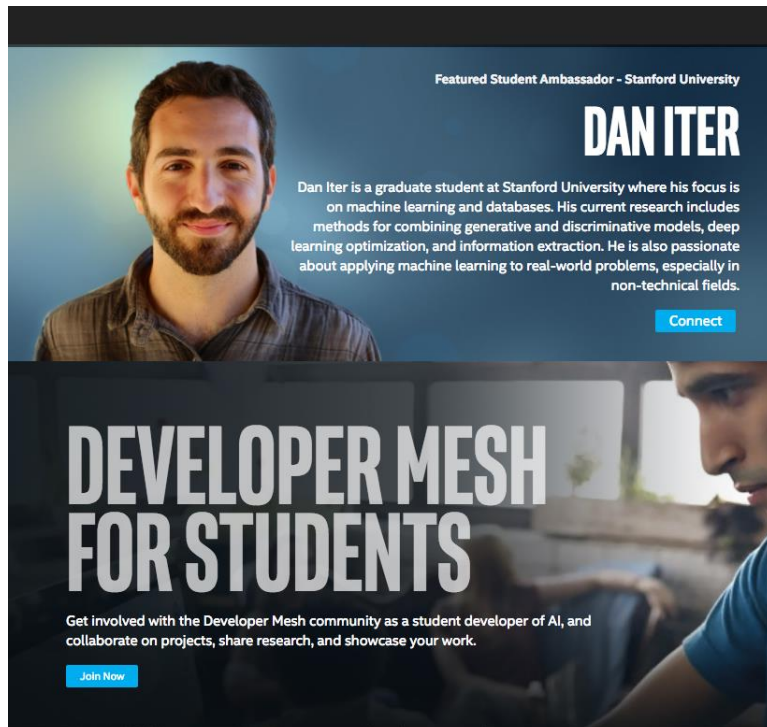
- **Showcase** examples of **early innovation** work by students, recognizing their achievements ,and supporting their reputation

INTEL SOFTWARE® STUDENT DEVELOPER PROGRAM FOR AI

WHAT IS IT?

- Training On The Latest Optimized Frameworks & Tools

- Exclusive Access To Intel Architecture Remote Access Servers

- Continuing Education By Intel Tech Evangelists & Student Ambassadors

- Public Recognition On The Intel® Developer Zone Site & Intel® Developer Mesh Site

- Intel Sponsored Events & Club Activities

- Access to industry experts and Intel engineers for Q&A

Featured Student Ambassador - Stanford University

DAN ITER

Dan Iter is a graduate student at Stanford University where his focus is on machine learning and databases. His current research includes methods for combining generative and discriminative models, deep learning optimization, and information extraction. He is also passionate about applying machine learning to real-world problems, especially in non-technical fields.

Connect

DEVELOPER MESH FOR STUDENTS

Get involved with the Developer Mesh community as a student developer of AI, and collaborate on projects, share research, and showcase your work.

Join Now

INTEL SOFTWARE® STUDENT DEVELOPER PROGRAM FOR AI

UNIVERSITY CLUBS & STUDENT AMBASSADORS

ANY & ALL INTERESTED STUDENTS CAN JOIN AN INTEL SPONSORED UNIVERSITY CLUBS

Find an officially sponsored Undergraduate AI/Machine Learning & Engineer club at your school to get involved and gain remote access, educational content, and invitations to exclusive trainings. In return, we'd love to see you're projects on online via social media and Developer Mesh (http://devmesh.intel.com)

INTERESTED GRADUATE STUDENTS CAN APPLY TO BECOME A STUDENT AMBASSADORS:

Graduate level students looking for sponsorship, technical support and exclusive access to new technologies should apply to be a Student Ambassador! As the key liaison between schools and Intel, Ambassadors will receive special access and content, and in return, host Intel supported and sponsored events on their campuses.

4 STEPS TO JOINING THE COMMUNITY

HOW TO BECOME A STUDENT AMBASSADOR OR GET YOUR UNIVERSITY CLUB SPONSORED

1. CREATE A PROFILE ON DEVMESH & JOIN THE STUDENT AI GROUP
BIT.LY/STUDENTMESH

2. POST PROJECTS ON INFORMATION PAST, PRESENT OR FUTURE PROJECTS OR RESEARCH IN THE FIELD OF AI

3. ADD THOSE PROJECTS TO THE STUDENT AI GROUP
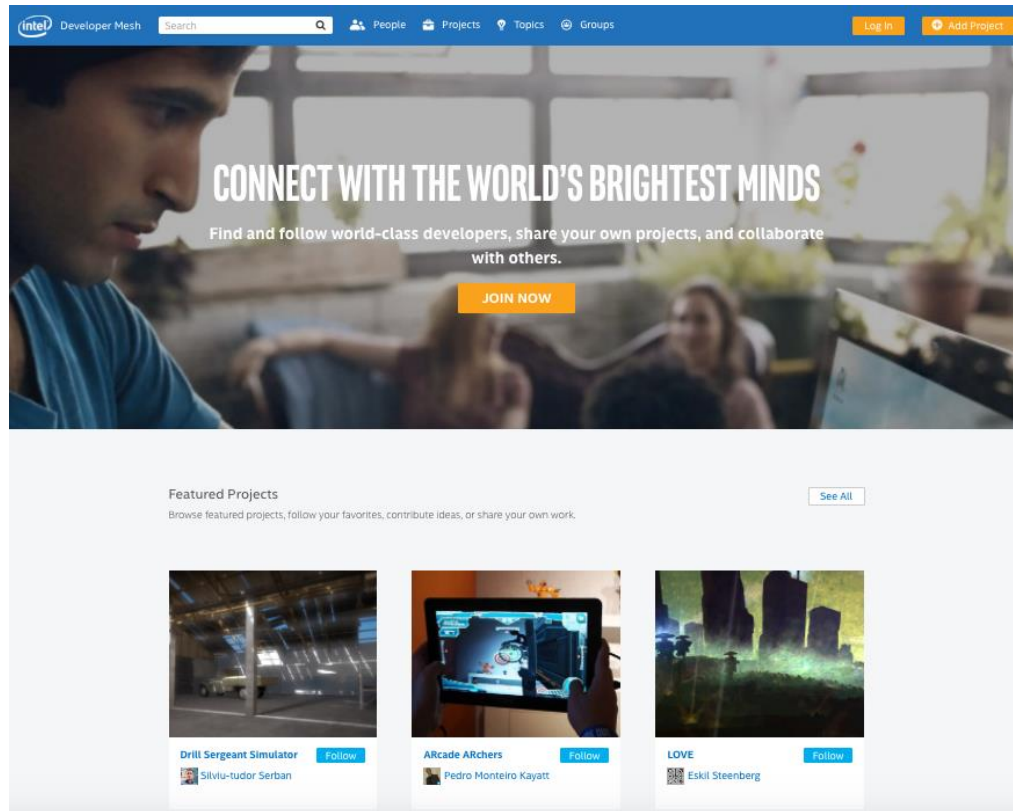
4. SUBMIT AN APPLICATION ONLINE
BIT.LY/INTELSTUDENTCLUB
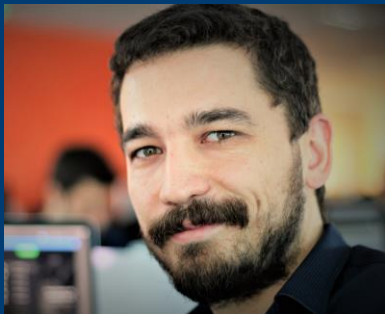BIT.LY/INTELSTUDENTAMBASSADOR

DEVMESH

Tell us what you are working on – papers, research, projects – this site is a way for us to learn about amazing work and engage further!

Join the Student Group on DevMesh at bit.ly/studentmesh

QUESTIONS? ASK US!

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#IntelAI