


# DESTINATION INNOVATION: TOMORROW'S TECHNOLOGIES IN TODAY'S COLLEGE CLASSROOMS

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Artificial Intelligence – “computer systems able to perform tasks that normally require human intelligence” (Google’s Dictionary)

Augmented Reality – “a technology that superimposes a computer-generated image on a user's view of the real world, thus providing a composite view” (Mother Google)

Virtual Reality – “the computer-generated simulation of a three-dimensional image or environment that can be interacted with in a seemingly real or physical way” (Grandma Google)

Mixed Reality – A mashup of AR/VR (The Jedi Mistress)

Internet of Things (IoT) – any device that shares or receives data wirelessly (TJM)



# ARTIFICIAL INTELLIGENCE

- 32 Companies
  - **HIRING TODAY!**
- AI Job Focus:
  - Healthtech
  - Biotech
  - Big Data
  - Insurance
  - Manufacturing
  - Finance
  - Marketing

Source: <https://builtin.com/artificial-intelligence/ai-companies-roundup>



# THE “SMART” WORLD

- Today's Jobs:
  - Products
    - Designers
    - Programmers
    - Hackers

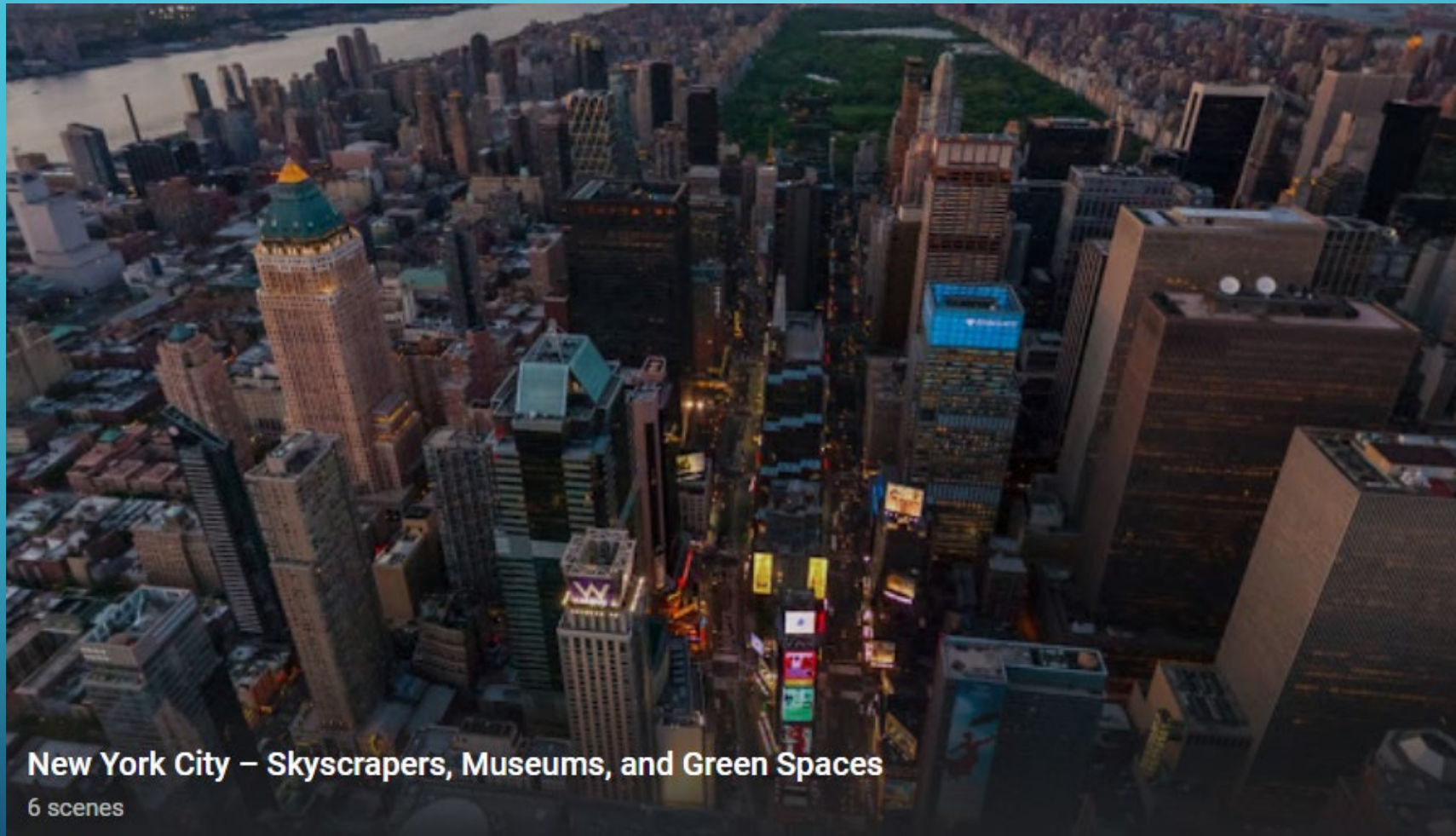
## What It Monitors



# VIRTUAL REALITY

- Industries
  - Government (Simulation)
  - Business
  - Manufacturing
  - Urban Planning
  - Travel & Tourism
- Jobs
  - Developers
  - Programmers





## New York City – Skyscrapers, Museums, and Green Spaces

6 scenes

# THEY'RE WATCHING YOU

- Surveillance Technologies (Drones AND Social Media Market Research)
- Jobs:
  - Pilots
  - Photographers
  - Hackers
  - Data Analysts
- Industries
  - Insurance
  - News
  - Fire/Police/EMS
  - Government



# INTERNET OF THINGS & THE CONNECTED HOME

- Definition: *“A smart home is a convenient home setup where appliances and devices can be automatically controlled remotely from any internet-connected place in the world using a mobile or other networked device.” Investopedia*



# INTERNET OF THINGS & THE CONNECTED HOME, CITY, WORLD

- Definition: *“A smart city is a designation given to a city that incorporates information and communication technologies (ICT) to enhance the quality and performance of urban services such as energy, transportation and utilities in order to reduce resource consumption, wastage and overall costs.”* Techopedia
- Smartest US Cities
  - New York, NY
  - Columbus, OH







# THE COLLEGE CLASSROOM

- Core Courses

- English
- Math
- Psych/Soc
- Philosophy
- Public Speaking/Communication/Speech

- STEM Courses

- CompSci/Programming
- Game Design
- Biology/Physics/Chemistry

- HUM Courses

- Literature
- History



# WRAP UP

QUESTIONS?

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