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GDC 2018: Innovators Showcase VR on Hades Canyon NUCs

Manic parrot shootouts, Terminator-style storylines, and “how to be a Viking” tutorials were among demos by Intel® Software Innovators at GDC 2018 – all using the new Hades Canyon NUC for smooth VR gameplay.

Check it out

ARTIFICIAL INTELLIGENCE (AI)

AI-Driven Test System Detects Bacteria in Water

Using Intel® Xeon® Scalable processors and the Intel® Movidius™ Neural Compute Stick, Intel® Software Innovator Peter Ma developed an effective system for identifying harmful bacteria in water.

Object Detection on Drone Videos using Caffe* Framework

In this use case, object detection and segmentation issues are tackled using Intel® Optimization for Caffe*2 on Intel® Xeon Phi™ processors.
INTERNET OF THINGS (IoT)

**Move from Prototype to Product Faster?**

Developing embedded devices is becoming more and more complex but there is a solution with the edge-to-cloud ecosystem from Intel.

**Increasing Efficiency and Uptime with Predictive Maintenance**

The 4.1 Industrial Internet of Things Platform from FOURDOTONE Teknoloji analyzes data for prompt responses in emergencies, power outages or technical faults in manufacturing environments.

VIRTUAL REALITY (VR)

**Vitruvian Game Wingsuit – VR Automation**

In this Innovator-created content showcase, the user controls the flight with a joystick and wears a backpack that wirelessly creates virtual reality.

**Fantastic Contraption Pioneers Mixed-Reality Virtual Reality Game**

Thanks to the pioneering work of Northway Games, VR developers can now add a mixed-reality component to trailers, streaming and other marketing efforts.
Dynamic Device Personalization for the Intel® Ethernet 700 Series

Learn about a new capability for Intel® Ethernet 700 Series - Dynamic Device Personalization (DDP) and how to program DDP profiles using DPDK with the GTPv1 profile as an example.

Find Persistent Memory Code Errors with Intel® Inspector's Persistence Inspector

Persistent memory enables better application performance and reliability. Use Intel® Inspector's Persistence Inspector to analyze cache flush behavior and transaction consistency.

Python* Support for Persistent Memory

Introducing PyNVM, an open source Python* library which makes it easy for developers to work with persistent memory.

Pricing Strategies for Indie Game Developers

This marketing guide helps indie game developers understand different pricing strategies for PC games.

Temporally Stable Conservative Morphological Anti-Aliasing (TSCMAA)

Developed as a multisampling anti-aliasing alternate technique, TSCMAA provides a better temporal stability and performance workaround for Virtual Reality (VR) applications.
**Tools and Technology**

**24x Deep Learning Leap**
See how GeoVision turbo-charged its deep learning algorithm by 24x using Intel® System Studio and Intel® Computer Vision SDK.

**Python* Performance Boost**
Learn about DATADVANCE's pSeven* platform increased performance using Intel® Distribution for Python*.

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**Events**

**O'Reilly Artificial Intelligence Conference**
April 29 - May 2, 2018
New York, NY
Learn more

**Embedded Vision Summit**
May 22 - 24, 2017
Santa Clara, CA
Check it out

**Intel® AI DevCon**
May 23 – 24, 2018
San Francisco, CA
Use code CMGIDZ to save

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