Deep Learning in AI & Robotics

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SCHOOL OF COMPUTING

University of Utah
8 November 2021

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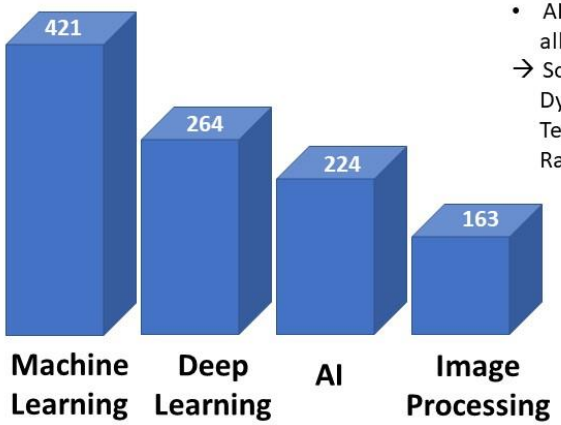
The Deep Learning Certificate Program will provide:

* **working knowledge** of the use of state-of-the-art deep learning technology
* **internship projects with industry** partners on image analysis, language translation, autonomous systems, sensor data processing, database analytics, fraud detection, etc., for classification/recognition/decision making

Unmet Utah Workforce Demand
(Jobs per Area – source: Indeed)



- AI employment from 2015-2019 grew 20% vs total employment growth of 5.6%
- AI job postings grew 28% from 2015-2019
- AI occupations projected to grow faster than all other occupations in next 10 years

→ Source: "U.S. AI Workforce, Labor Market Dynamics," Center for Security and Emerging Techologies, Issue Brief, D. Gehlhaus and I. Rahkovsky, Georgetown University, April 2021.

Working Knowledge Courses:

Machine Learning
Artificial Intelligence
Probabilistic Machine Learning

Robotics
Computer Vision
Image Processing
Transportation Operations
Traffic Network Modeling

Deep Learning

Industry Project Internship

THE UNIVERSITY OF UTAH

Industry Partners & the Future

SCHOOL OF COMPUTING

blyncsy

Nvidia

Computer systems design services company

NVIDIA

kairos autonomi

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WHAT'S NEW?

SEP 25 - OCT 10, 2019 KAIROS' PRODUCTS AND PERSONNEL SUPPORT EXERCISE FORGING SABRE AT MOUNTAIN HOME AFB

KAIROS AUTONOMI RECEIVES ISO 9001:2015 RECERTIFICATION

Robotics Appl

The Pronto4 Agnostic Autono

Kairos Autonomi thinks differently about autonomy. produces high-quality, cost-effective solutions that

UDOT

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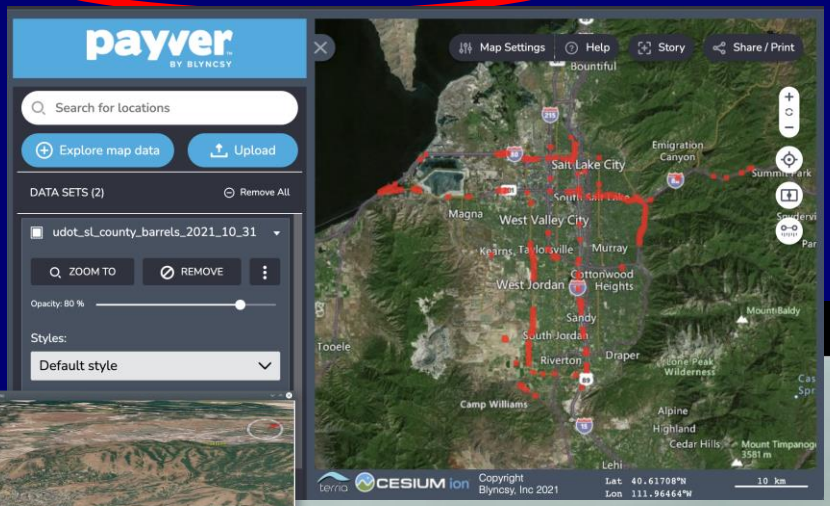
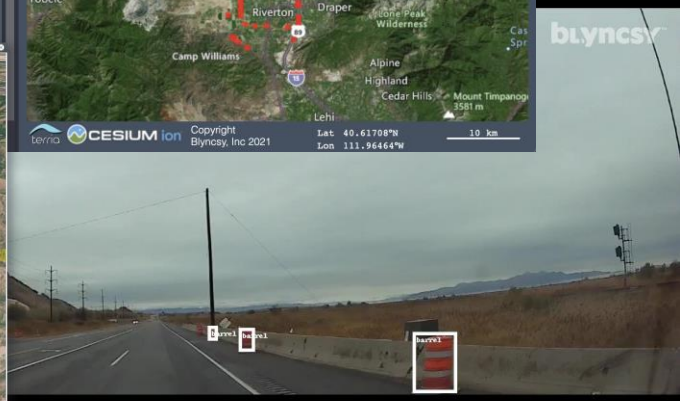
HELPING YOU MAKE DATA-DRIVEN DECISIONS ON YOUR R

CogniTech Corporation





Large-Scale UAS Traffic Management

Industry Partners & the Future

Nvidia
Computer systems design services company

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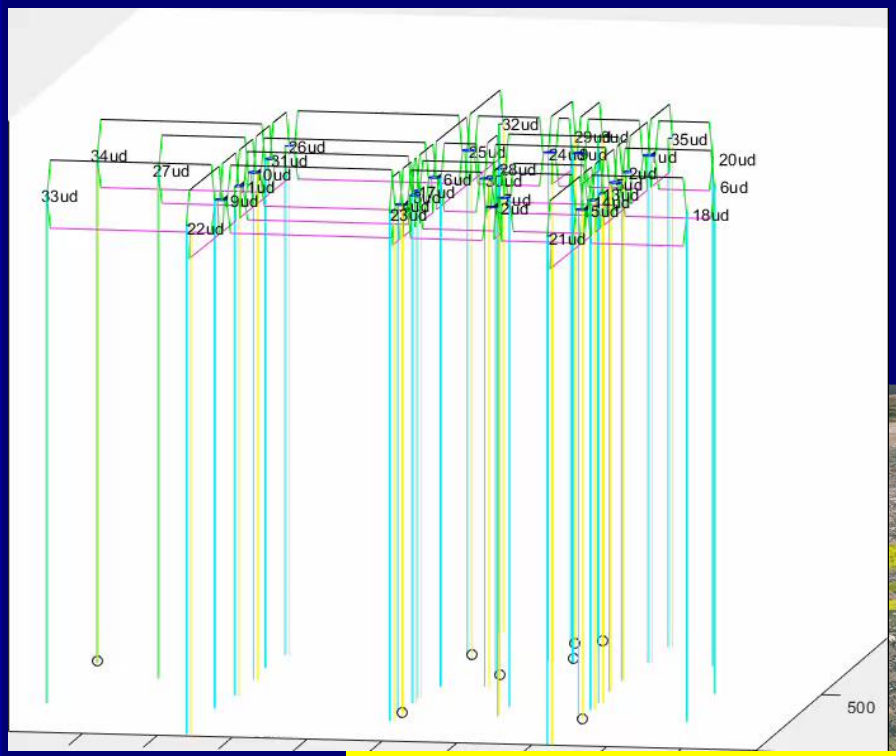
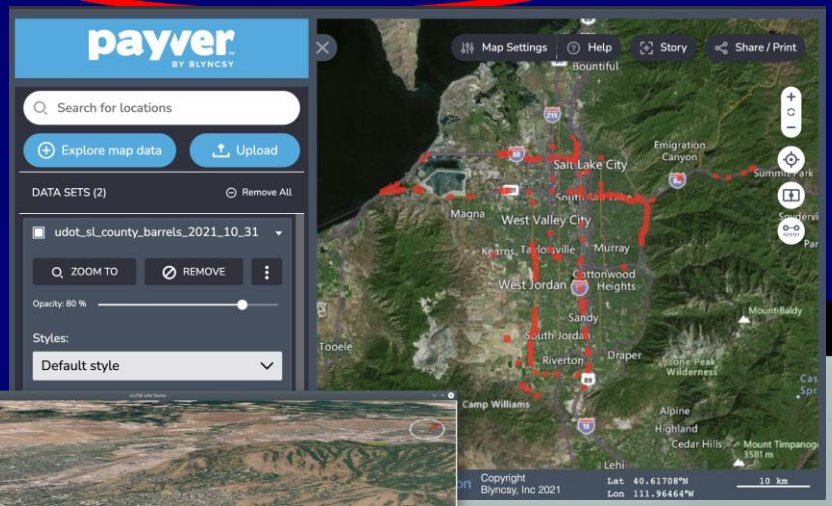
CORP++

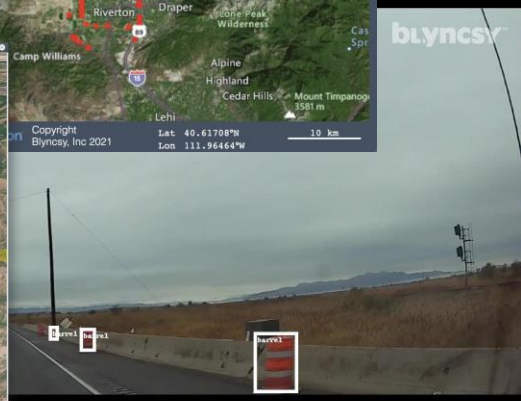
Questions?

HELPING YOU MAKE DATA-DRIVEN DECISIONS ON YOUR R

CogniTech Corporation







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