ROAD MAP

• Introductions
• Presentation Overview
• State of Technology and Innovations
• Legal and Policy Considerations
• Discussion
artificial intelligence

/ˌærɪˈfiSHəl ɪnˈteləjəns/

Noun

The capability of a machine to imitate intelligent human behavior

AKA: Machine Learning, Machine Decision Making, Deep Learning, Automation, IoT
APPLICATION OF AI

AI Helps Cities Predict Natural Disasters

New tools aim to forecast storm and earthquake damage, improving emergency response.

In the hunt for new fundamental particles, physicists have always had to make assumptions about how the particles will behave. New machine learning algorithms don’t.

Artificial intelligence to help data analysis.

AI MADE A MOVIE—AND THE RESULTS ARE HORRIFYINGLY ENCOURAGING

How AI Will Shorten Your Commute Through the City

And track your every move.

Despite Google Protest

Snapchat’s new ‘Crowd Surf’ feature uses AI to create seamless extended video of big events.
THE FUTURE OF DRIVERLESS VEHICLES?
DRIVERLESS VEHICLES MUST COMMUNICATE

Outgoing Information:
• Car Info
  (*who is in it, where is it, where is it going*)
• Car Data
  (*mechanical problems, fuel level, flat tire*)

Incoming Information:
• Road Conditions
  (*accidents, closures, weather*)
• Other Cars
  (*where they are, where they’re going, speed*)
• Immediate Surroundings
  (*where they are, where they are going, speed*)
• Software Updates
  (*Tesla*)
NETWORKING in Driverless Vehicles

- End point devices
- Wireless tracking
- Networking and Info Processing
- Security Products
NETWORKING extends beyond the individual vehicle

Connected Roadways are here!
LAWYER IMPLEMENTATION OF AI

- **eDiscovery**
  - Everlaw
  - Catalyst
  - DISCO
  - Lex Machina
  - DOCKET ALARM
  - Intraspexion
  - RAVEL
  - SMOKEBALL
  - ThoughtRiver

- **Predictive**
  - PREMONITION
  - LEX PREDICT
  - lex Machina
  - DOCKET ALARM
  - Intraspexion
  - RAVEL
  - SMOKEBALL
  - ThoughtRiver

- **Contract Review**
  - LEGAL ROBOT
  - text IQ
  - openText
  - Brainspace
  - Relativity
  - RAVEL
  - SMOKEBALL
  - ThoughtRiver

- **Practice Management**
  - BRIGHT FLAG
  - LegalSifter
  - LegalSifter
  - cognitx+
  - NEOTA LOGIC
  - Seal
  - Avvoso
  - Loom Analytics
  - blueJ

- **Expertise Automation**
  - Riverview
  - Robot Lawyer
  - LISA
  - Robot Lawyer
  - LISA
  - Robot Lawyer
  - LISA
  - Robot Lawyer

- **eBilling**
  - brightFlag
  - LegalSifter
  - cognitx+
  - NEOTA LOGIC
  - Seal
  - Avvoso
  - Loom Analytics
  - blueJ

- **Legal Research**
  - Ross JUDICATA
  - KNOMOS
  - loom Analytics
  - blueJ
  - LIT IQ
  - LEVERTON
  - kira
  - BREVIA

- **Contract Due Diligence**
  - RIVerview
  - Robot Lawyer
  - LISA
  - Robot Lawyer
  - LISA
  - Robot Lawyer
  - LISA
  - Robot Lawyer

**Diagram Notes:**
- **eDiscovery** tools primarily focus on electronic discovery and data analysis.
- **Predictive** tools are used for predictive coding in legal document review.
- **Contract Review** tools aid in contract drafting and review processes.
- **Practice Management** tools are utilized for billing, time tracking, and matter management.
- **Expertise Automation** tools help in automating and managing legal research.
- **eBilling** tools assist in managing and analyzing legal expenses.

**Diagram Source:**
- For more information on the tools and their applications, refer to the ACC (Association of Corporate Counsel) website.
2017 STATE AV LEGISLATIVE ACTIONS
2018 STATE AV LEGISLATIVE ACTIONS

Key
- Model/near model
- Neutral or positive
- Bad
- Bill(s) still active
- Bill(s) failed

Map showing states with different legislative actions.
The ethical challenges of artificial intelligence

As AI advances, systems will need to be trained and 'raised' in much the same way as humans.

The robots are coming... but are we ready for AI risk?

Intelligent Machines

When an AI finally kills someone, who will be responsible?

Legal scholars are furiously debating which laws should apply to AI crime.

Admiral In to see if th
EVOLUTION OF COMMON LAW PRODUCT LIABILITY CONCEPTS

1898
- Electronic headlights

1912
- Model A introduces hydraulic brakes

1898
- Restatement of Torts enacted

1922
- Restatement of Torts enacted

1927
- Safety glass used in windshields

1927
- Strict Liability first applied to Products Liability

1934
- Restatement of Torts enacted

1958
- Anti-lock braking system (ABS) introduced

1935
- 3 Point Seat Belts made standard

1959
- 3 Point Seat Belts made standard

1959
- Driver side airbag made standard

1981
- Driver side airbag made standard

1984
- Electronic Stability Control (ESC) introduced

1993
- Strict Liability established

1993
- Restatement (Second) of Torts enacted

1995
- Electronic Stability Control (ESC) introduced

1998
- Daubert standard established

1998
- 3 Point Seat Belts made standard

2002
- Lane departure warning systems

2010
- Restatement (Third) of Torts enacted

2010
- Pedestrian detection system/emergency stop
COMMON LAW ADAPTS
to improvements in Technology

Auto-Pilot

Robotics
in Manufacturing

Artificial Intelligence
in Medical Devices
NOT FEASIBLE OR DESIREABLE TO HAVE LIABILITY STATUTES

Statutes Premature

Statutes Quickly Obsolete

Liability For Delay
PRODUCT + SERVICE LIABILITY

- Liability of producers of equipment used in the stream of commerce
- Modifications of equipment
- Comparison of service liability vs. product liability
STREAM OF COMMERCE

- Did they disclaim their products?
- Is the scope of use beyond intended purpose?
- Is liability limited to product performing in limited capacity?
Increased services pushes risk upstream to service provider
DATA PRIVACY

• What is considered personally identifiable info in a driverless vehicle?
  • Look at local laws
  • Location only, or tagged to an individual?
• How can personal data be used?
  • Is it shared with others? Is it aggregated in some instances and not in others?
  • Can an individual opt out without impacting the functionality of the driverless vehicle?
DATA SECURITY

- Potential risks with a breach of data in driverless vehicles
- Stealing of personal data
- Control of vehicles
- Where does liability lie in the event of a data breach?
Questions?