Exploring Judicial Technology

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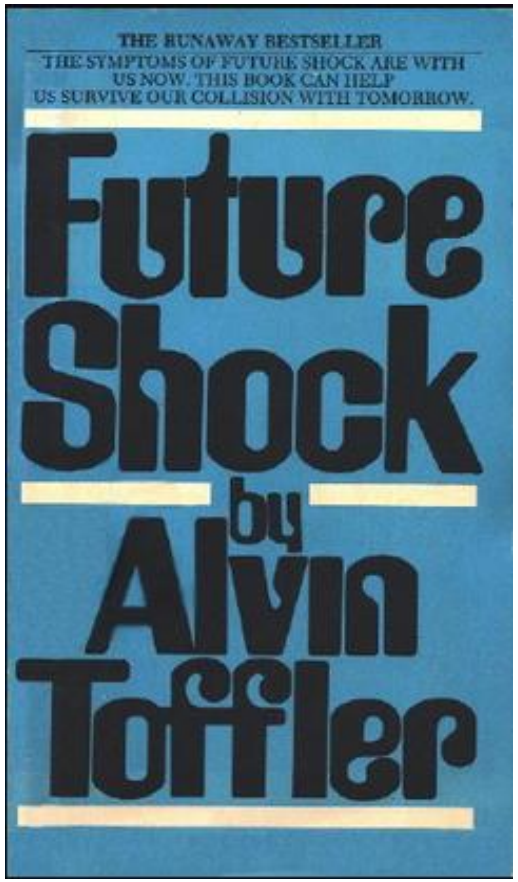
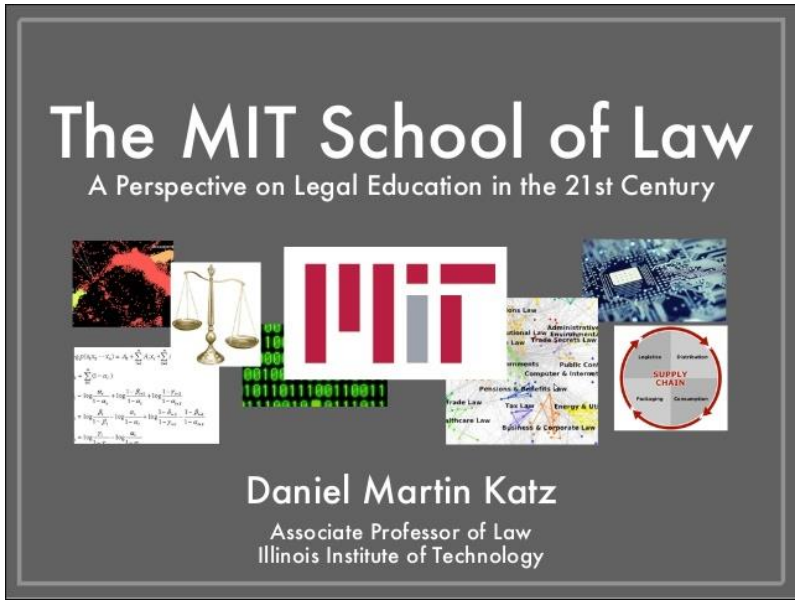


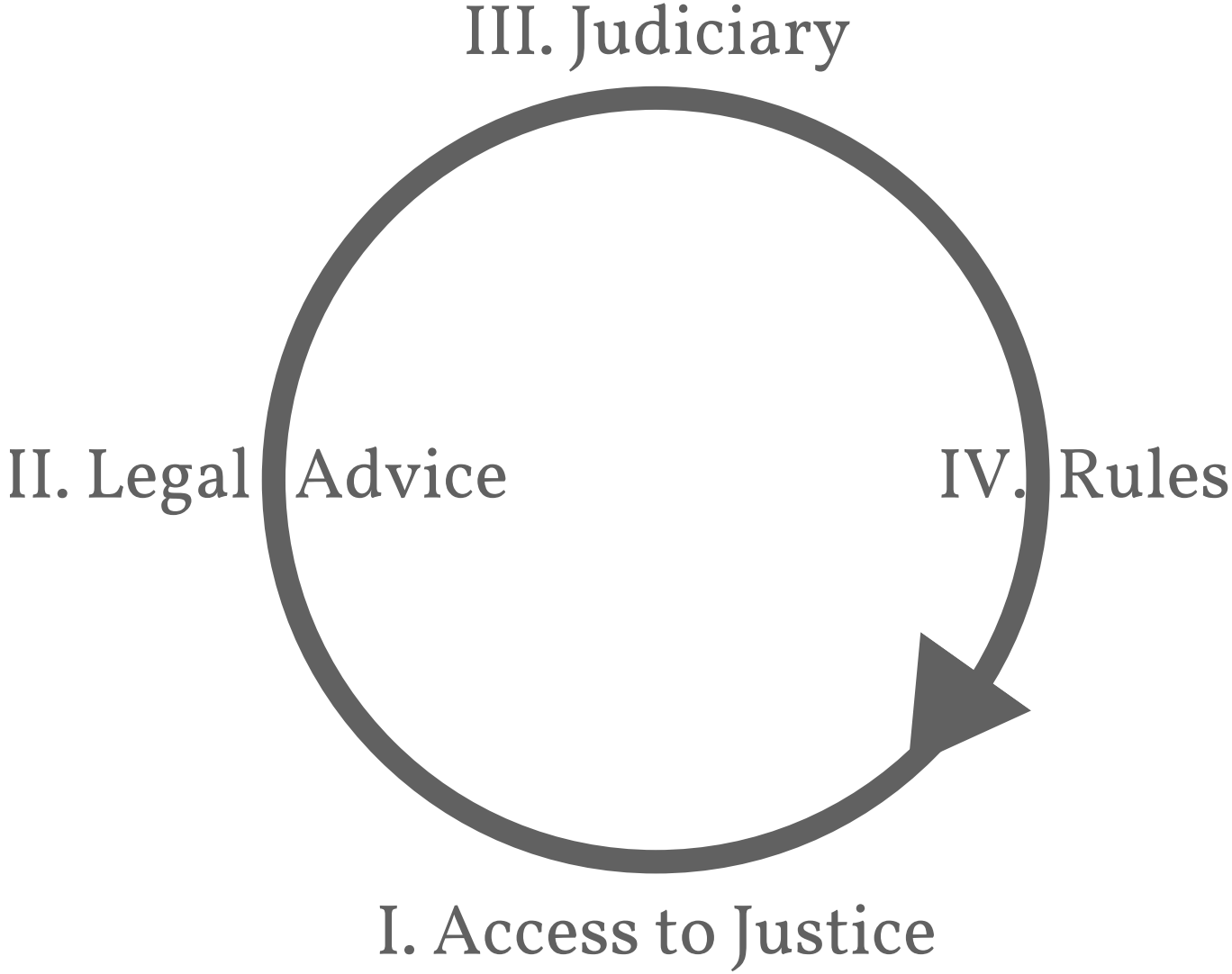
'The illiterate of the 21st century will not be those who cannot read or write, but those who cannot learn, unlearn and relearn'

- Alvin Toffler

Law + (Tech + Design + Delivery)



Judicial Technology (JudTech) = The technology concerned with the delivery of judicial services


III. Judiciary
II. Legal Advice
IV. Rules
I. Access to Justice

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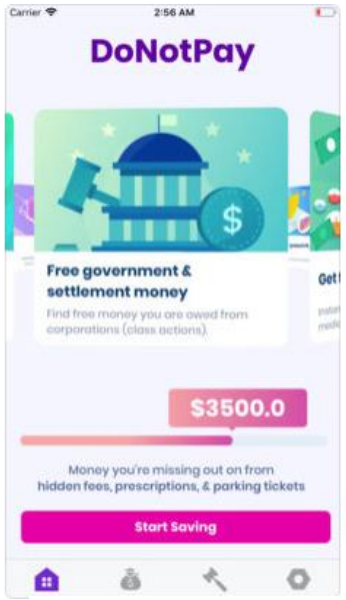
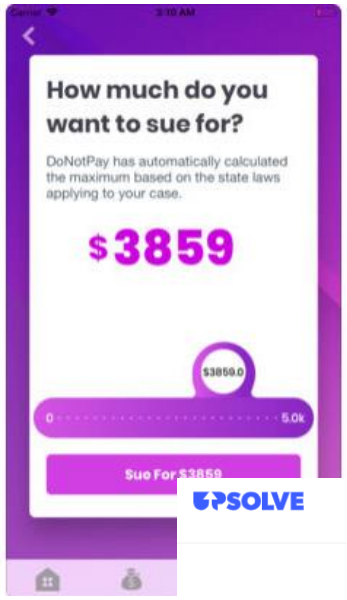
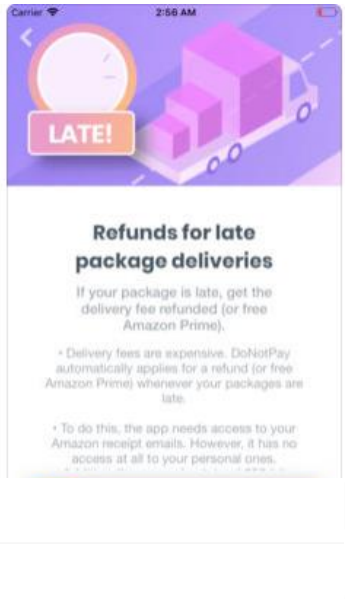






UPSOLVE

UniCourt

Easy Access to Court Records & Legal Analytics.

If you're in debt, bankruptcy is a lifeline.

Our nonprofit helps you file for bankruptcy for free, guiding you through every step.

Should I Consider Bankruptcy?

Your data is encrypted and secured.
Already using Upsolve? Log In

II. Legal Advice

atrium

A better law firm for startups

Atrium is a full-service corporate law firm that uses modern technology to give startups a leg experience that is fast, transpare and price-predictable.

III. Judiciary

English EN

European Commission > ... > Consumers > Resolve your consumer complaint >

Online Dispute Resolution

Resolve your online consumer problem fairly and efficiently without going to court

International Forum on Online Courts

The Cutting Edge of Digital Reform

Artificial intelligence 'judge' developed by UCL computer scientists

Software program can weigh up legal evidence and moral questions of right and wrong to predict the outcome of trials

Synergy Case Management System
by Synergy International Systems
(4 reviews)
Add to Compare
Powerful case management software designed to str
institutions in civil and criminal domains. Learn more
System

Probation Tracking System
by General Computer Services
(2 reviews)
Add to Compare
Gives probation officers the ability to supervise and n
about Probation Tracking System

CMS360
by Icon Software
(2 reviews)

Jayhawk Court Software
by Jayhawk Software
(7 reviews)
Add to Compare
Software packages for municipal cou
dispositions, warrants, generate repo
Software

Incode
by Tyler Technologies
(5 reviews)
Add to Compare
Tracks all aspects of courts and their
document processing and cash/bond

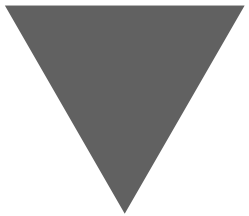
Benchmark
by Pioneer Technology Group
(4 reviews)

JWorks Case Management
by Equivant
(1 review)
Add to Compare
For courts interested in customizing scr
gives your court the tools to design a m
CMS components and uses the latest te
assignment, keyword searches, and oth
design ensures access on any device, wh
Learn more about JWorks Case Manage

eCourt
by Journal Technologies
(40 reviews)
Add to Compare
Browser-based court case management
anywhere with an internet connection--

FASTCourt
by Fund Accounting Solution Technol
(19 reviews)

Judiciary + (Tech + Design + Delivery)



Communication Security

Storage Security

Work Management

Data Analytics

AI Analysis

eDiscovery

Security

Products and capabilities [edit]

HackingTeam enables clients to perform remote monitoring functions against citizens via their RCS (Remote Control Systems), including their **Da Vinci** and **Galileo** platforms:[1]

- Covert collection of emails, text message, phone call history and address books
- Keystroke logging
- Uncover search history data and take screenshots
- Record audio from phone calls
  - Capture audio and video stream from device memory to bypass cryptography of Skype sessions[11]
  - Use microphones on device to collect ambient background noise and conversations
- Activate phone or computer cameras
- Hijack telephone GPS systems to monitor target's location
- Infect target computer's UEFI BIOS firmware with a rootkit[12]
- Extract WiFi passwords[13]
- Exfiltrate Bitcoin and other cryptocurrency wallet files to collect data on local accounts, contacts and transaction histories.[14]

HackingTeam uses advanced techniques to avoid draining cell phone batteries, which could potentially raise suspicions, and other methods to avoid detection.[15][16]

The malware has payloads for Android,[13] BlackBerry, Apple iOS, Linux, Mac OS X, Symbian, as well as Microsoft Windows, Windows Mobile and Windows Phone class of operating systems.[17]

RCS is a management platform that allows operators to remotely deploy exploits and payloads against targeted systems, remotely manage devices once compromised, and exfiltrate data for remote analysis.

Why?

1. Qualitative Understanding of Technological Cases

2. Quantitative Facilitation of Case Management/Flow

3. Higher Efficiency in Implementation of Judicial Strategy

Questions:

1. To what extent would you review automated judicial decisions?

The CJEU ruling in Achmea: Death Sentence for Autonomous Investment Protection Tribunals

Analogy with Arbitration

Questions:

2. To what extent would you incorporate JudTech solutions in your workflow?

Questions:

3. How can JudTech help you today?

Thank you!

INTRODUCTION OF THE DATA PROTECTION
REFORM TO THE JUDICIAL SYSTEM
INFORM