WORK IN THE FUTURE – WITH ROBOTS TOO.

RANDY BLOCK

RANDY@RANDYBLOCK.COM

WWW.RANDYBLOCK.COM
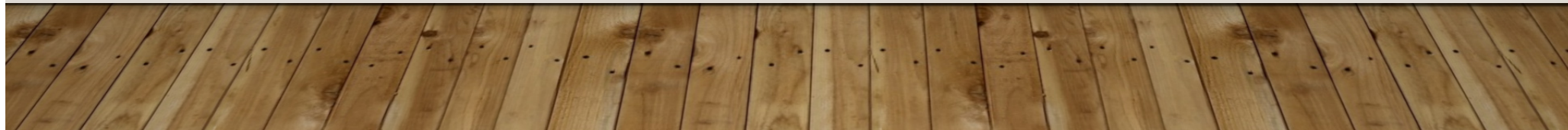
EVERY ORGANIZATION NEEDS:
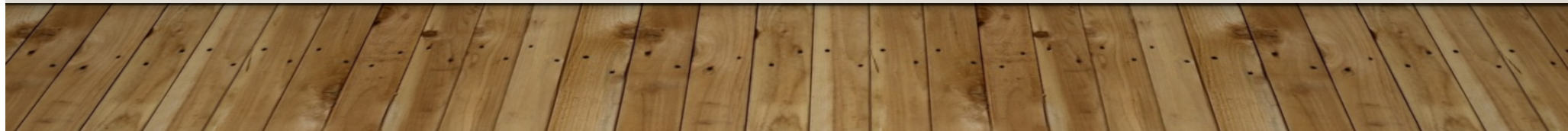
- Small, Medium, Large

- Private or Public
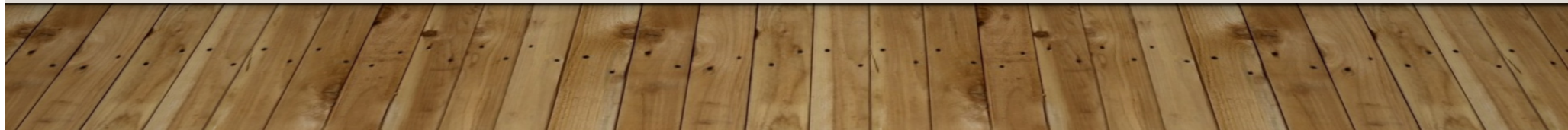
- Profit or Nonprofit

Revenue

and

Productivity

EXPANDING INDUSTRIES

- Medical Marijuana
- Motion Capture
- Infrastructure spending
- Peer to peer lending platforms
- Artificial Intelligence
- Disaster Relief

- Telehealth services
- Beauty technology
- Professional & Business services
- Canned Wine
- Elderly healthcare

Source: *Inc.com*

HOT JOBS THROUGH 2019

- Nurse practitioner

- Meeting/event planners

- Network security engineer

- Environmental engineer

- Social media manager

- Biomedical Engineer

- Marriage and Family therapists

- Physical therapist aids

- Interpreters and translators

- Audiologist

- Market research analyst

- Home health/personal care aide
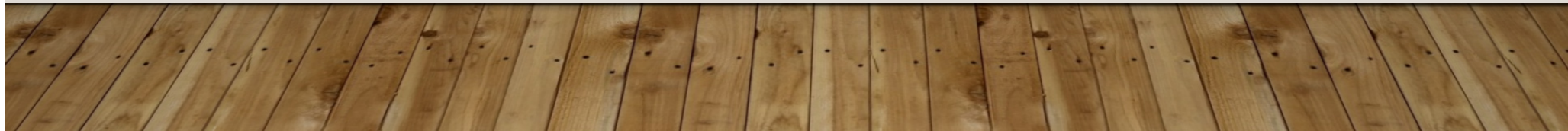
- Tractor trailer truck drivers
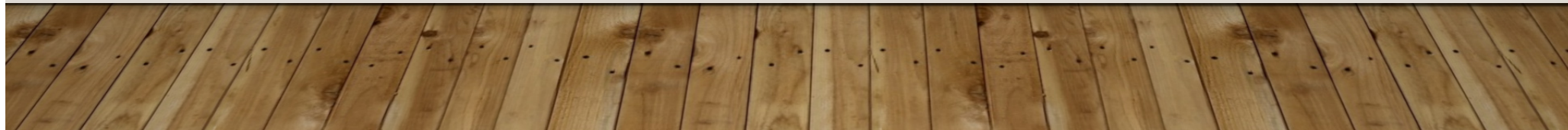
DECLINING OCCUPATIONS

- File clerks
- Computer operators
- Machine Tool Operators
- Wallpaper hangers
- Pharmacy aides
- Shoe Repair

- Meter readers
- Movie projectionist
- Postal mail sorters
- Stock clerks
- Data entry
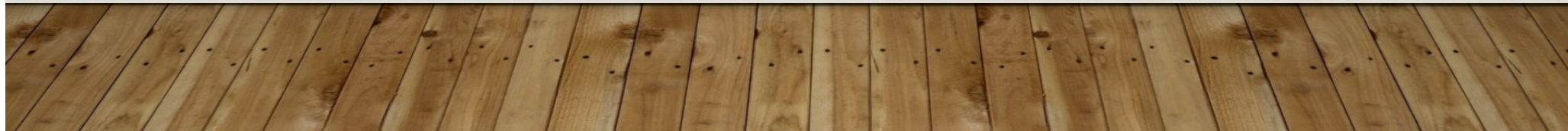- Information processing workers

Source: BLS 2018

ORGANIZATIONS ARE OUTSOURCING …
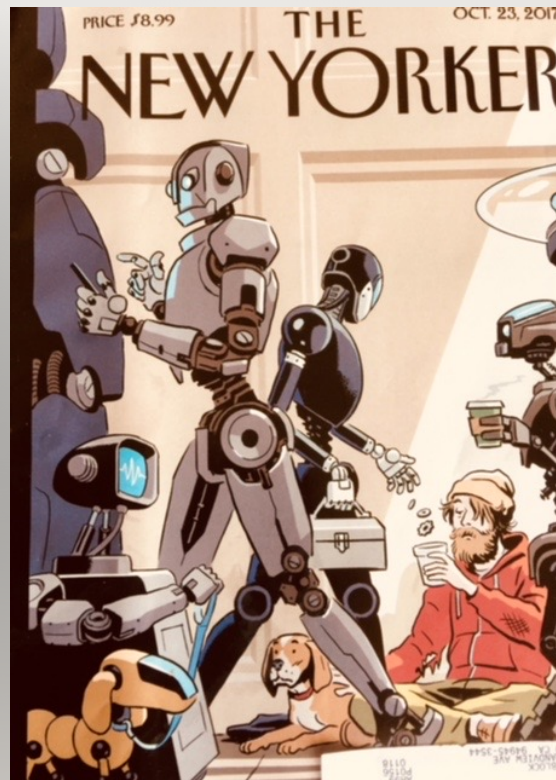
- Accounting

- Facilities

- Human resources

- IT

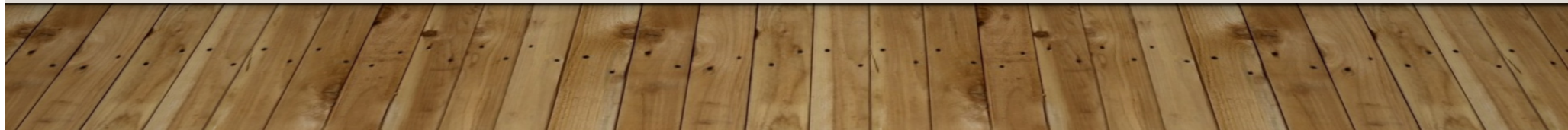- Office Management (virtual admin)

- Social media marketing

THE FUTURE?

WHY AI IS TERRIFYING

- It has taken us 200,000 years to reach where we are today as a species

- In a period of 6 months for us, AI will have accumulated half a million years worth of knowledge on top of what we already know today

- As a nation if you are 6 months ahead of other nations, you have the equivalent of a half million years of information.

- Critical – enabling human machine connectivity

Source: *Business Insider* 11/19
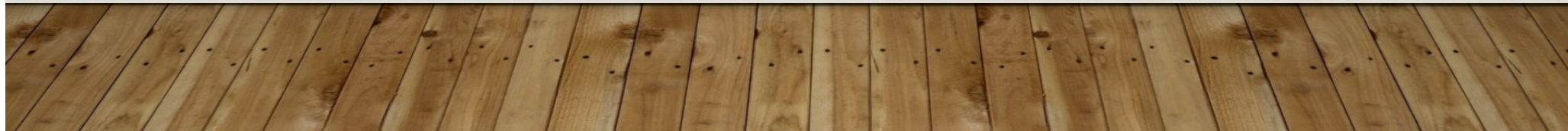
ARTIFICIAL INTELLIGENCE

- A branch of computer science dealing with the simulation of intelligent behavior in computers

- The capacity of a computer to perform operations analogous to learning and decision making in humans, as by an expert system, …

- The term was coined in 1955 by a Dartmouth professor

THINKING ABOUT AI

- Don't fear AI taking **jobs**.

- Think about AI taking over **tasks**.

- Which are routine?

- Which can be performed in under a second of thought?

- How can you use AI to be more productive?
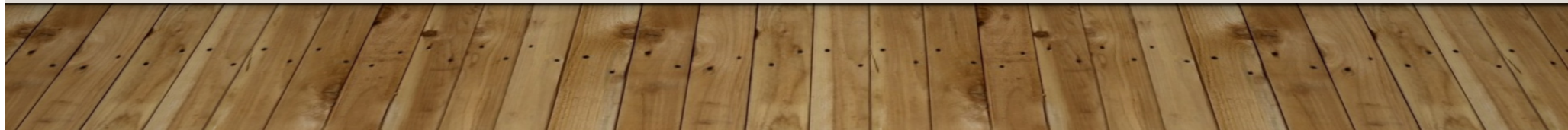
- Taken from *HBR Overview AI and Machine Learning 11/17*

10 JOBS VULNERABLE TO AUTOMATION

- Insurance and Claims Representative
- Bank Tellers and representatives
- Financial analysts
- Tax preparers
- Radio and TV Announcers
- Data entry keyers
- Food Preparation & Bartenders
- Loan officers
- Paralegal

- Inventory managers and stock room workers
- Commodity sales people
- Telemarketers
- Cargo and Freight Agents
- Insurance underwriters
- Watch Repairers
- Postal Service clerks
- Financial advisors

Source: *Frey & Osborne* 10/18

4 AI TOOLS THAT MAKE YOU MORE PRODUCTIVE

- **TRACKING YOUR TIME**

  SmarterTime tracks your time on the computer and phone usage

- **CRAFTING THE PERFECT COLD EMAIL**

  AiZimov gathers information and data regarding the recipient and drafts a cold email for you.
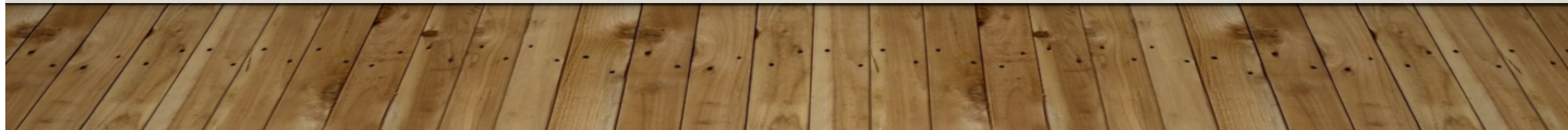
- **YOUR OWN EXECUTIVE ASSISTANT**

  Zoom.AI learns your habits and preferences,, make recommendations, schedule meetings automatically and order a car to take you there.

- **MANAGE YOUR WEBSITE**

  Canecto offers website optimization for the masses though data analytics
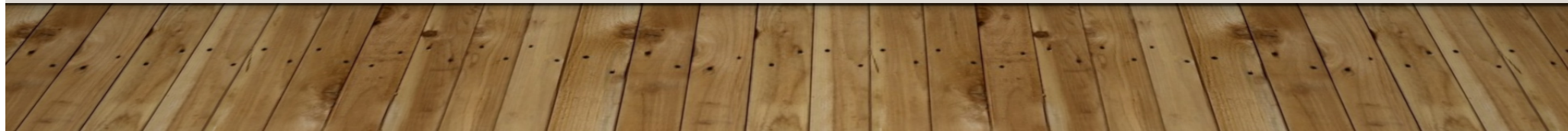
  From *Fast Company* 11/17

KEEPING AN EYE ON AI

- It can cause harm (even if it is not intended to)
- AI can learn to be fair (but who decides what is fair?)
- AI is forcing us to rethink moral and ethical principles
- There is no such thing as AI neutrality
- AI needs diversity for ensuring success
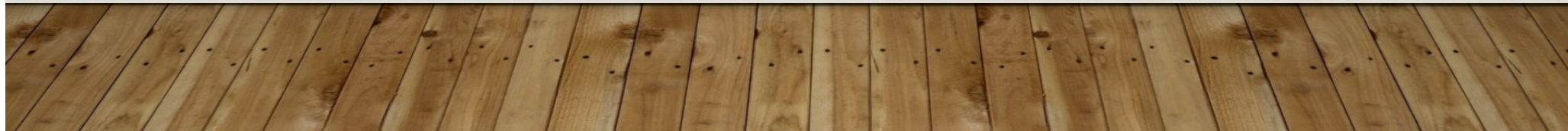
Article from *Hackernoon* 11/16/18

ADAPTING TO AI

- Research your industry for trends

- Identify and follow the leaders – what are they predicting

- Look at your job
  - ❖ What parts are task oriented and repetitive?
  - ❖ Which parts require creativity and judgment?
  - ❖ How can AI enhance your job?

- Talk with your network – peers and bosses

- Look for jobs requiring creativity, judgment, active learning, adaptability, emotional intelligence.
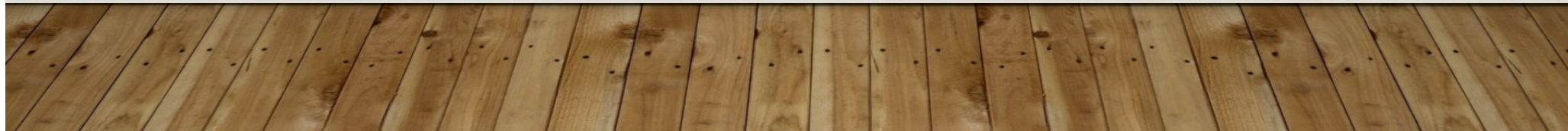
WORK SEARCH TIPS

1. Leverage social media (LinkedIn, Twitter)

2. Upgrade your digital proficiency (devices)

3. Target a growth industry/companies

4. Lead with your brand

5. Find out how you can use AI

6. **Network, network, network!**

THOUGHTS

- All jobs are becoming project oriented

- You are completely accountable

- Stay curious & keep learning (AI e.g.,)

- Perception is the new reality

- If you don't ask, the answer is always no