Are You Prepared for the Automated Workplace?

Yes, process automation technology will replace repetitive manual labor— But that doesn't mean it will replace your job if you're prepared!

Luckily, advancements in automation technology have been happening slowly over time, and we have always learned how to progress with these changes. **Don't panic! The foundation of economies is cyclical, and we are simply facing an underlying change. You'll adjust!**

45% of work activities are likely to be automated. - PWC, 2016

For example, Accounts Payable (AP) clerical tasks involve mechanistic thinking for data entry and calculations, so many AP tasks will soon be replaced by automation.

2012 1980's Rodney Brooks 1913 creates the 2000's FileNet (IBM) 1990 **1950's** Baxter bot Henry Ford develops a 1950's The emergence introduces digital workflow Gartner Edwards of "Robotic assembly coins ERPmanagement 1986 **1920's** Alan Turing, Deming Process belts into system "Enterprise Automation" invents teaches 1701 plants Resource Motorola Origins Artificial Statistica (RPA) 2011 1439 Planning," pioneers Process of term Intelligence Jethro Tull 2015 2011 to digitize 1774 Six Sigma, workflow (AI) to break Control Watson invents the Johannes enterprise advancing (SPC) and automation German competes Amazon seed drill Apple Guttenberg processes \bigcirc Eli Whitney quality Enigma (The quality creates virtual and wins introduces invents the invents the management Turing Test) management assistant Alexa on Jeopardy Siri printing press cotton gin 567 Ó. The Industrial Wave The Agrarian Wave The Information Wave We predict the next economic shift: 1500 - 1750 1750 - 1978 1978 - 2004 The Intelligent Automation (IA) Wave *Toffler's Three Waves spanning 1500-2004 show three economic shifts. Mechanistic Thinking: Automation will replace mechanistic thinking, so focus on bringing Observing core and critical thinking skills to the automated workplace. Focusing

Core Thinking: Organizing Comparing Summarizing

Memorizing

Enhance Your Critical Thinking Skills to Stay Employable Through the IA Wave:

For example, once many AP tasks are replaced by automation, employees with critical thinking skills will still be needed for Managerial Accounting roles to offer strategic financial expertise to guide enterprise objectives.

Automation doesn't replace talent, but helps organizations to better utilize its talents.

In 2020.

- Gartner, 2018

process automation

2.3 million jobs

and AI will create

and eliminate 1.8 million

jobs, which is a net gain of 500,000 jobs.

- Dan Kiely CEO and co-founder Cork, Ireland-based Voxpro



*Core Thinking Skills based on the Hughes Model

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