

CONSTRUCTING THE FUTURE WITH AI



AI IN THE NEWS

ON TECH: A.I. NEWSLETTER

How Should I Use A.I. Chatbots Like ChatGPT?

Large language models are already good at a wide variety of tasks.

TECHNOLOGY EXECUTIVE COUNCIL

How ChatGPT is changing the job hiring process, from the HR department to coders

PUBLISHED SAT, APR 8 2023-10:00 AM EDT | UPDATED SAT, APR 8 2023-11:05 AM UNDEFINED EDT

Kevin Travers, special to CNBC.com

FORBES > INNOVATION

BREAKING

Here's How To Use AI—Like ChatGPT And Bard—For Everyday Tasks Like Creating A Budget, Finding Airfare Or Planning Meals

Arianna Johnson Forbes Staff

I cover the latest trends in science, tech and healthcare.

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HOME > TECH

Can ChatGPT be a doctor?

Asia Martin Apr 10, 2023, 3:48 AM

FORBES > INNOVATION

How Generative AI And ChatGPT Are Shaping The Contact Center



Muddu Sudhakar Forbes Councils Member
Forbes Technology Council
COUNCIL POST | Membership (Fee-Based)

ChatGPT: Your AI-Powered Cryptocurrency Resource



Siamak Masnavi
10 Apr 2023 / In #AI, #cryptocurrency

The Industrial Economy Greet Generative AI With Open Arms



Home / Innovation / Artificial Intelligence

How to use ChatGPT to write code

BY PYMNTS
APRIL 7, 2023

Can ChatGPT replace programmers? What programming languages does ChatGPT know? We answer these and your other generative AI coding questions.

HOME > TECH

A college student got a top grade for an essay written with the help of ChatGPT, report says

AI IN THE NEWS

WILL A ROBOT STEAL YOUR JOB?

ER COMPUTERS

es warns 'dangerous AI'
threat 'like nuclear weapons'

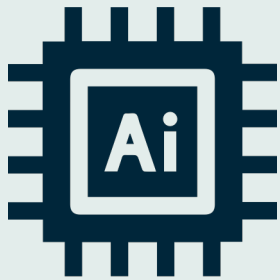
ON AI...
HIGH QUALITY
shown in...
AI WARNING:

Robots will destroy a HUGE
number of jobs, claims expert

could be used to **TAKE OVER** the **WORLD**
ugh 'evil' fake news and hijacking cars



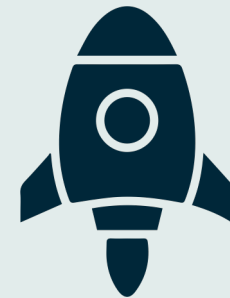




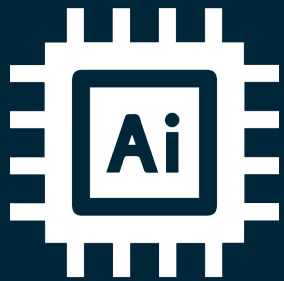
**ARTIFICIAL INTELLIGENCE
- WHAT IS IT REALLY?**



**LEVERAGING AI IN
CONSTRUCTION**



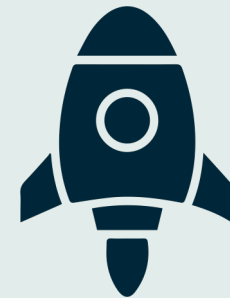
**WHAT IT TAKES
TO GET STARTED**



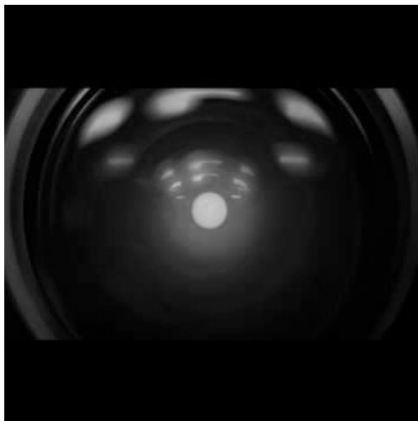
**ARTIFICIAL INTELLIGENCE
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CONSTRUCTION**



**WHAT IT TAKES
TO GET STARTED**



TODAY'S
AI IS
PREDICTION
TECHNOLOGY

PREDICTION:

Using information that you **do** have to generate information that you **don't** have

WE'VE BEEN USING AI FOR YEARS



Mortgage approval



Driving directions



Social media news feed



Online customer service chatbots



Facial recognition technology for unlocking your phone



Adjusting space temperature based on your habits



Identifying health issues in MRI's and X-Rays



RELEASED NOVEMBER 2022



ChatGPT

Sure, here are some short and catchy names for your course:

1. "AI in Construction"
2. "Future Built: AI"
3. "Constructing with AI"
4. "AI Constructs Future"
5. "AI for Builders"
6. "FutureBuild: AI"
7. "ConstructAI Now"

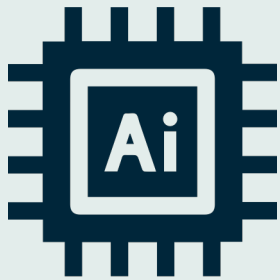
PROMPT:

"Provide short catchy names with 4 words or less for a course with the following description: ..."



PROMPT:

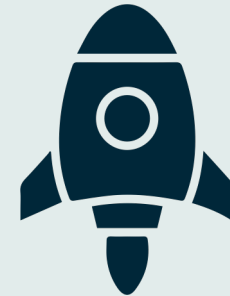
"Create a painting of a construction worker sitting on a unicorn and the unicorn is standing on the moon."



**ARTIFICIAL INTELLIGENCE
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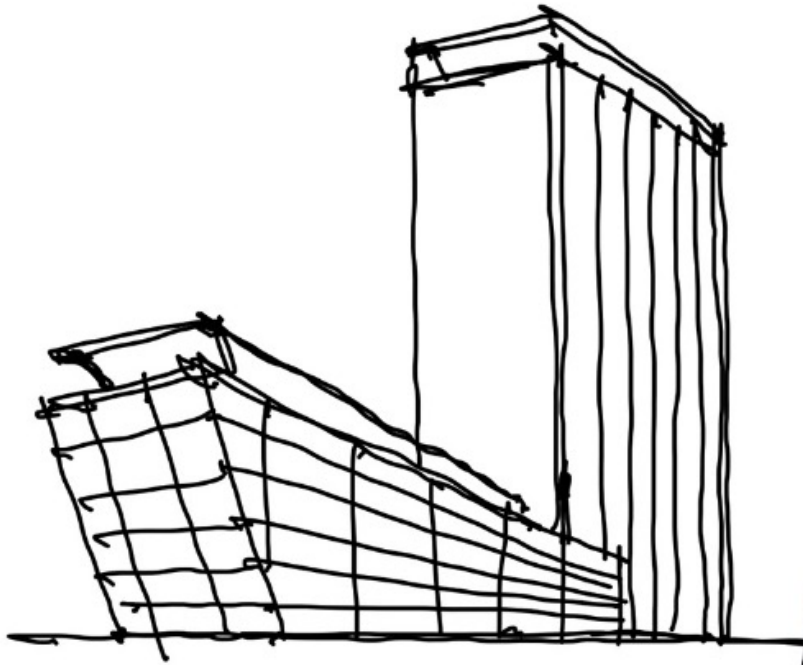


**LEVERAGING AI IN
CONSTRUCTION**



**WHAT IT TAKES
TO GET STARTED**

DESIGN



PROPOSALS



AI can assist with grammar, context, and tone ensuring that copy is clear, concise, and consistent with branding.



Compare submissions to the RFP to ensure that requirements are met.



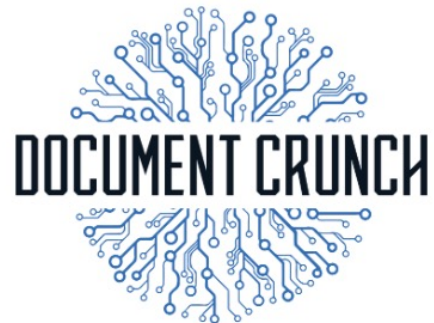
Transcribe meetings to identify key points of a project approach.



Summarize technical bullet points from team members to create a cohesive message for submissions.

CONTRACTS

- Automated review of contracts
- Automated risk assessment
- Chat with contracts



What are our insurance requirements?



Who do I give notice to for a weather event?



Can I stop payment for incomplete work?



SCHEDULES

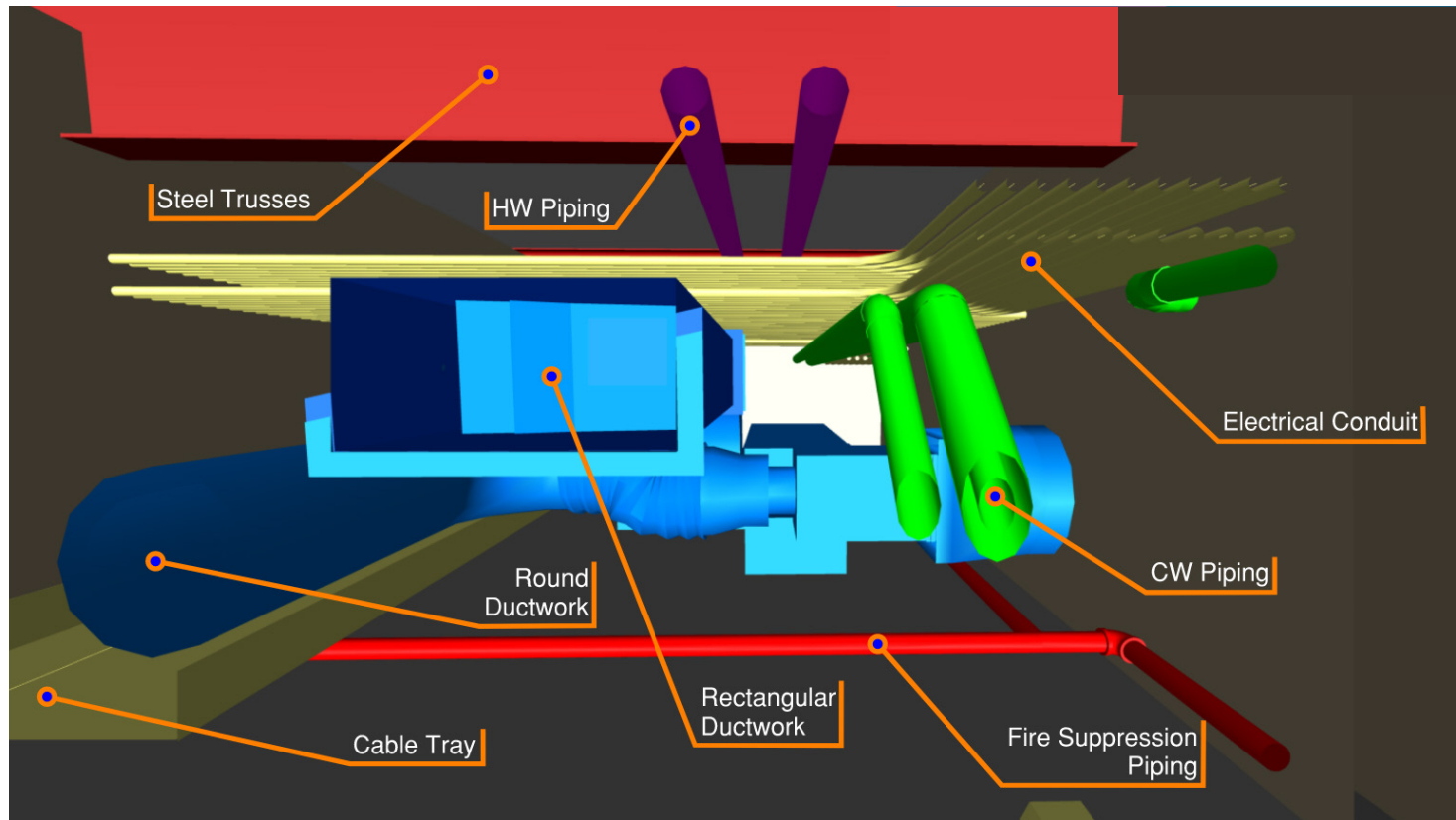


DRAWINGS & SPECIFICATIONS

The screenshot displays the PyPE AUTOSPECS software interface. The top navigation bar includes the PyPE logo, the project name '15099 VILLAGE SHAL...', and the user 'SARAH LEE'. The main content area is divided into three sections:

- Left Panel (Navigation):** A vertical sidebar with icons for PROJECTS, DASHBOARD, SMART REGISTER, PRODUCTS, SPECVIEW (active), EVENTS, and METRICS. A list of specifications is shown, with '077100-Roof Specialti...' selected.
- Center Panel (Document Viewer):** Displays the specification document for '077100 - ROOF SPECIALTIES'. The document content includes:
 - SECTION 077100 - ROOF SPECIALTIES
 - PART 1 - GENERAL
 - 1.1 RELATED DOCUMENTS
 - A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
 - 1.2 SUMMARY
 - A. Section Includes:
 1. Copings.
 2. Roof-edge specialties.
 3. Roof-edge drainage systems.
 4. Reglets and counterflashings.
 - 1.3 ACTION SUBMITTALS
 - A. Product Data: For each type of product. 1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes.
 - B. Shop Drawings: For roof specialties. 1. Include plans, elevations, expansion-joint locations, keyed details, and attachments to other work. Distinguish between plant- and field-assembled work.
 - C. Samples for Verification: - 1. Include Samples of each type of roof specialty to verify finish and color selection, in manufacturer's standard sizes.
- Right Panel (Action and Informational):** A sidebar with tabs for 'Submittals' and 'Products'. It contains three sections for '1.3. ACTION SUBMITTALS', each with a 'Submittal Type' dropdown (Product Data, Shop Drawings, Samples) and a list of actions.

TRADE COORDINATION



REALITY CAPTURE



360° CAMERAS



DRONES



LASER SCANNERS

SAFETY



QUALITY



PROGRESS





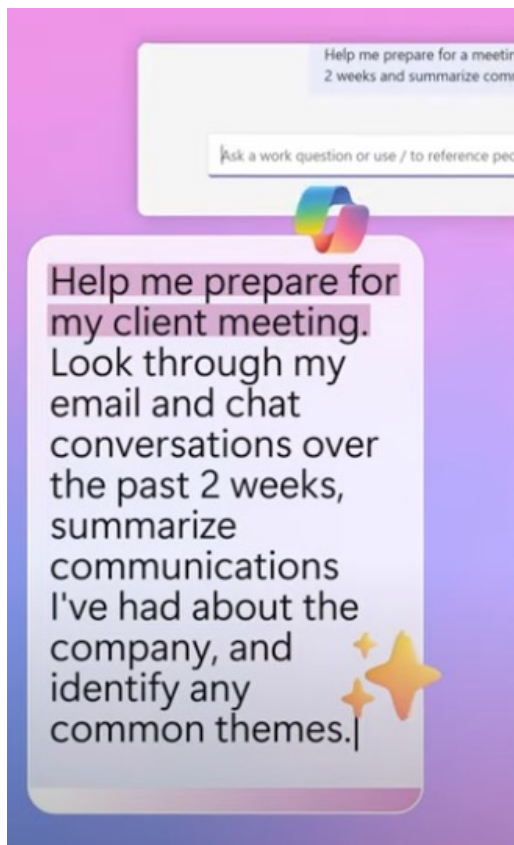
LIVE DIG RADAR[®] TECHNOLOGY

Ground-penetrating radar imaging technology platform for real-time, automatic, on-site underground utility detection.

DRYWALL FINISHING



DAILY TASKS

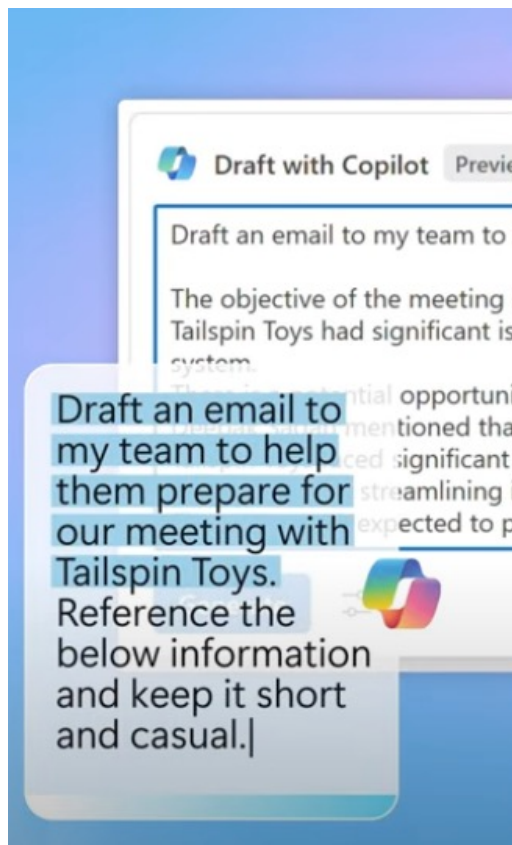


Help me prepare for a meeting 2 weeks and summarize com

Ask a work question or use / to reference peo

Help me prepare for my client meeting. Look through my email and chat conversations over the past 2 weeks, summarize communications I've had about the company, and identify any common themes.

This panel shows a Copilot interface with a task card. The card contains a request to prepare for a meeting by reviewing past communications and identifying themes. The Copilot logo is visible above the card, and a starburst icon is at the bottom right.



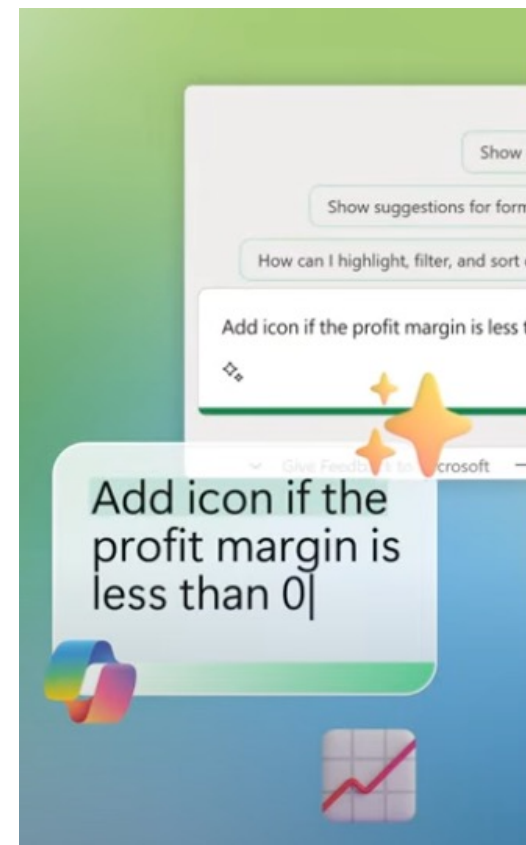
Draft with Copilot Preview

Draft an email to my team to h

The objective of the meeting is Tailspin Toys had significant iss system.

Draft an email to my team to help them prepare for our meeting with Tailspin Toys. Reference the below information and keep it short and casual.

This panel shows a Copilot interface with a task card. The card contains a request to draft an email to a team about a meeting with Tailspin Toys. The Copilot logo is visible above the card, and a starburst icon is at the bottom right.



Show suggestions for form

How can I highlight, filter, and sort d

Add icon if the profit margin is less t

Add icon if the profit margin is less than 0|

This panel shows a Copilot interface with a task card. The card contains a request to add an icon based on a profit margin condition. The Copilot logo is visible above the card, and a starburst icon and a line graph icon are at the bottom right.

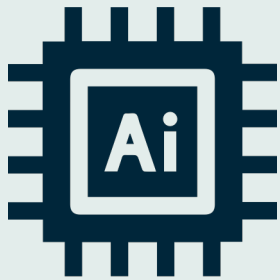
DAILY TASKS

The screenshot displays an email client interface. At the top, there are three browser tabs: a pink one with the text "Help me prepare for a meeting", a blue one, and a green one. Below the tabs is a toolbar with various email actions: "Reply", "Reply all", "Forward", "Quick steps", "Read / Unread", and several icons for flags, links, and other functions. The email subject is "Falcon Climate Finance Proposal" and it is addressed to "General/All Employees (unrestricted)".

The main content of the email is a summary generated by Copilot, titled "Summary by Copilot". The text of the summary is: "Johanna Lorenz proposed a meeting on October 17th to discuss the proposal on Falcon Climate Finance and the feedback received from Falcon (1). Deepak Sadan mentioned that stakeholders are interested in Falcon's green bond initiative and suggested including it in the revised proposal (2). Isaiah Langer agreed and proposed highlighting how their services can help Falcon design, issue, and manage green bonds (3)." Below the summary, there is a disclaimer: "AI-generated content may be incorrect".

The email is from Johanna Lorenz, with a profile picture and the text "Thanks Isaiah." The recipient list includes "Isaiah Langer; Deepak Sadan; Joni Sherman". The date and time are "Wed 10/18/2023 3:44 PM". At the bottom, the full email header is visible: "From: Isaiah Langer <IsaiahL@copilotdemo.com>", "Sent: Wednesday, October 18, 2023 3:22 PM", and "To: Deepak Sadan <desadan@copilotdemo.com>; Joni Sherman <JoniS@copilotdemo.com>; Johanna Lorenz <JohannaL@copilotdemo.com>".

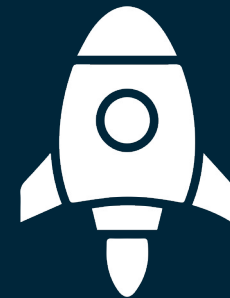




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**WHAT IT TAKES
TO GET STARTED**



**PICK YOUR
TARGETS**





**TAP YOUR
“EARLY ADOPTERS”**

**GET SOME
QUICK WINS**

WIN

**WIN
AGAIN**

**WIN
MORE**



IT IS ALL ABOUT DATA:

DATA QUALITY

DATA STORAGE

DATA PRIVACY

DATA POLICIES



CAN WE TRUST AI?

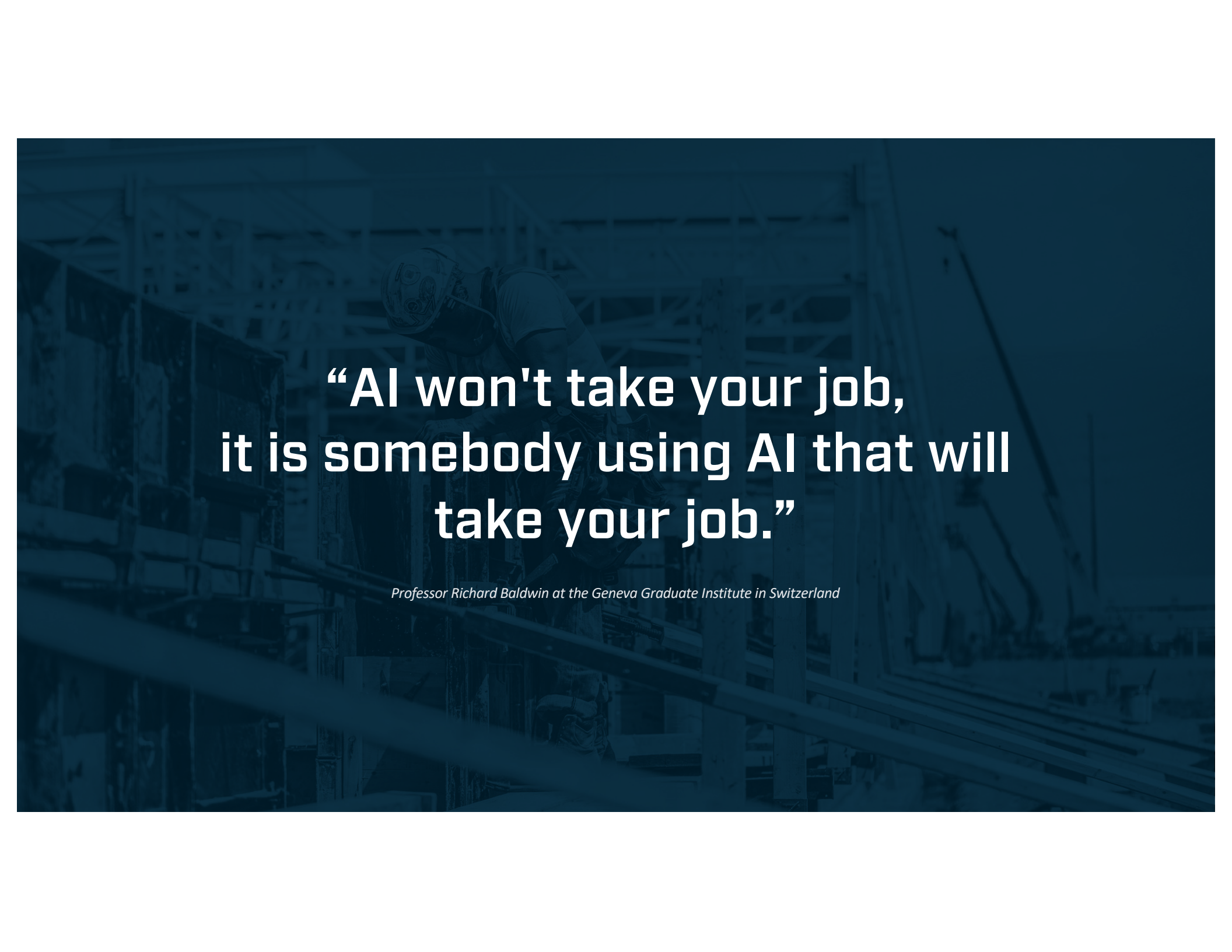


TRUST & VERIFY



DISTRUST & VERIFY





**“AI won't take your job,
it is somebody using AI that will
take your job.”**

Professor Richard Baldwin at the Geneva Graduate Institute in Switzerland



**“AI won't take your [business],
it is [another company] using AI
that will take your [business].”**

Professor Richard Baldwin at the Geneva Graduate Institute in Switzerland