

Breakout Track 4  
Connect Beyond

# Winning on transformation through innovation and skills

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# Agenda

- Digital Impact Office
- Home Health Project
- Lister Alliance Program
- The Learning Continuum at Cisco
- Summary





We work to achieve real world impact by fostering digital inclusion and accelerating transformation to **power an inclusive future for all**.

## Learning & Certifications

Meet the future head-on with  
**transformative** tech learning

## Country Digital Acceleration

Unlocking the value of digitization

## Networking Academy

Learn the **technology**,  
land your dream job



empower through **technology**, elevate through **education**



# Home Health

1. Potential to save lives
2. Virtual Access to clinical specialists
3. Healthcare Cost Reduction and better outcomes with lower admission to Clinical Facilities
4. Enhanced Healthcare Provision to allow people to stay on island
5. Home Health on more Islands
6. Virtual Hospital on Mainland
  - 400k COPD patients in Ireland
  - If they all benefitted from a Virtual Hospital:
  - 3.6m bed days saved
  - **€3.6Bn saved**

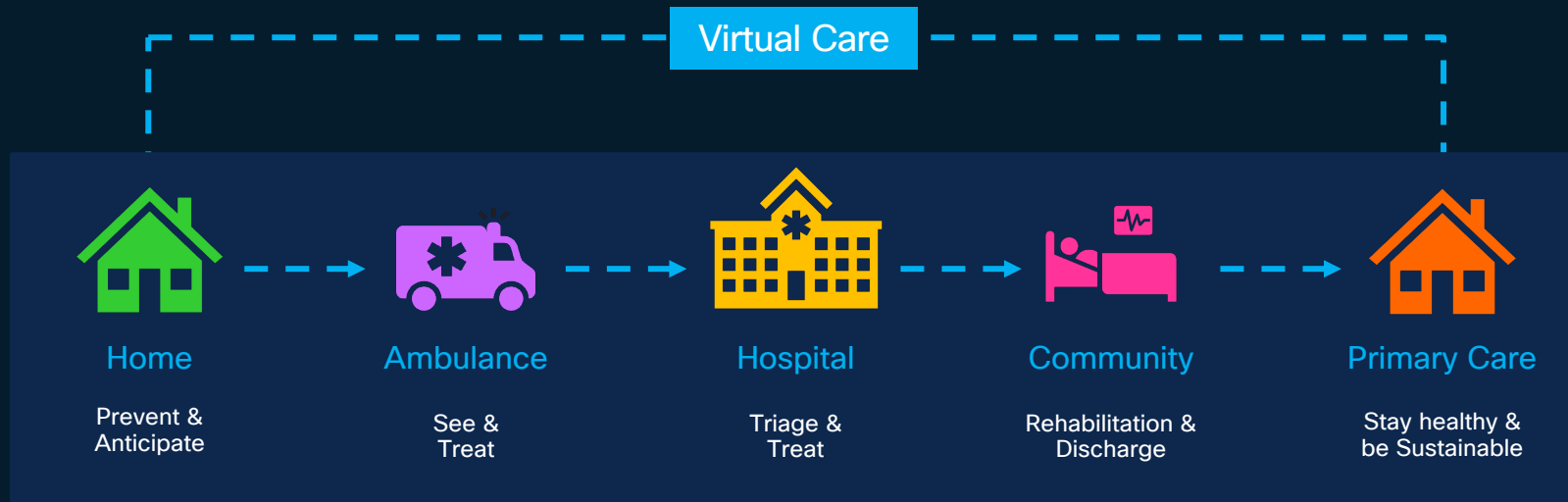
# A Broad Industry Alliance





The Lister  
Alliance

[www.thelisteralliance.co.uk](http://www.thelisteralliance.co.uk)



Care professional focussed | Agile Innovation | Integrated Eco-system | Integrated care

# Digital transformation in the New Hospitals Programme



Meraki AI



Webex



Wi-Fi 7



Real Time Location Services



Sensors



Spaces

Workforce Up-skilling & Re-skilling

# The Learning Continuum





# Taking stock of the challenge: a look at the UK



Essential  
skills for work

**21 million**

workers in the UK cannot  
complete the 20 essential digital  
tasks essential to today's  
workplace



**2**

In only two regions of the UK  
can more than 50% of the  
workforce complete all 20  
essential digital tasks for work

Lloyds Bank UK Consumer Digital Index Report

# The formula to a **holistic and inclusive** transformation



Basic skills  
accessible to all



Modern, adaptive curricula that  
accelerates talent generation



Accessible reskilling open to all,  
irrespective of age or  
background

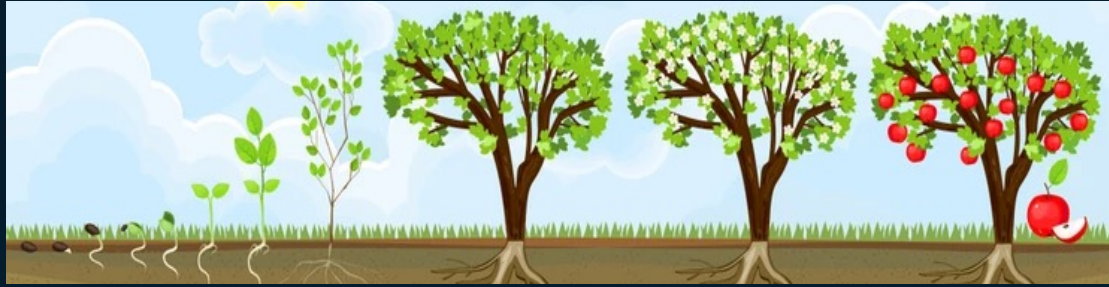


Secret ingredient:



**Skills-based hiring**

# From root to fruit: The learning continuum at Cisco



## Cisco Networking Academy



Free, agnostic content



World class, fully accessible platform



Entry level certifications

## Learning and Certifications

No-cost technical skill building

Entry-to-expert industry certifications

In-depth technical skill training

# Supporting audiences across Cisco, Customers, & Partners

## Empower the Individual



Career growth

Keeping up with technology trends

AI, Security, hybrid cloud & SDN

New and expanded job roles



## Empower Organizations



Hiring and retention

Workforce upskilling & reskilling

AI, Security, hybrid cloud & SDN

Operational efficiency

Unlocking skills and human potential everywhere



## Summary

A report providing an in-depth analysis of the impact of AI on ICT jobs and the industry

## 7 job categories

Business + Management, Cybersecurity, Data Science, Design + User Experience, Infrastructure + Operations, Software Development, Testing + Quality Assurance

## 47 specific job roles

From entry level roles to expert level positions  
80% of the most in demand roles\*



in the US and five EU Countries (Feb. 2023 – Feb. 2024) \*Indeed Hiring Lab

# Cisco Networking Academy in EMEA



Over 1.8 million students a year,  
with over 8.8 million students since inception



Over 6.000 partner institutions



Over 15.000 educators from all backgrounds



# The secret to our success



## Flexibility

Enabling real skill acquisition,  
anytime, anywhere.

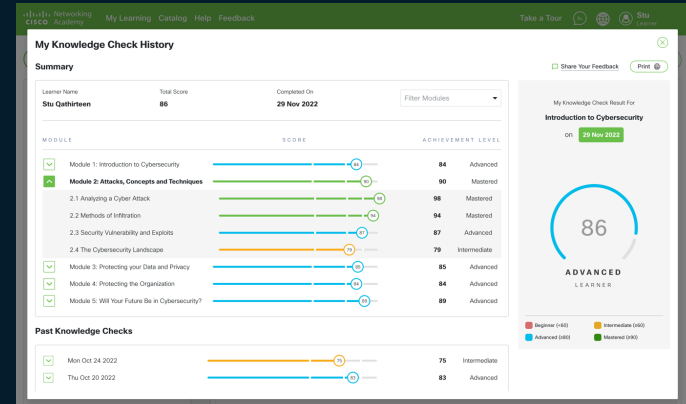


## Focus on outcomes

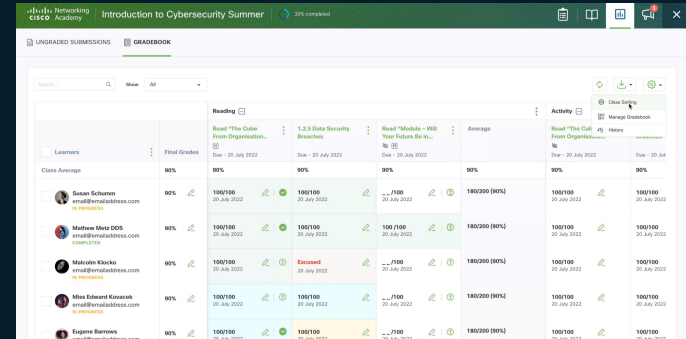
Help learners get the skills they need,  
and help them prove it

# What sets the program apart: best in class learning solution

AI-powered self-assessments  
before every module



Observability over learner progression  
for classes with unlimited size





# A Skills-to-Jobs Program

Comprehensive learning offerings to develop career-ready learners



Networking



Cybersecurity



AI & Data Science



Information  
Technology



Programming



Digital Literacy



Sustainability



Professional Skills

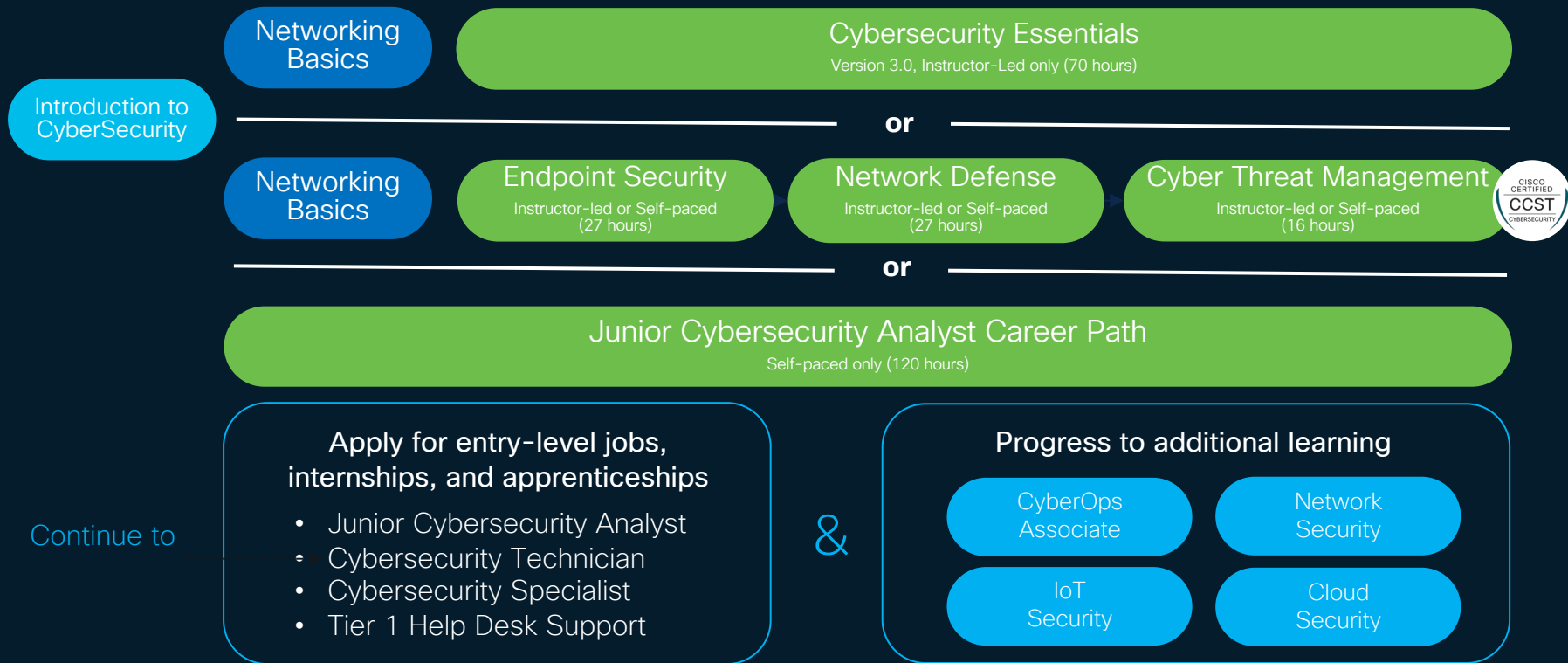


Practice



Cisco Packet Tracer

# A deep dive on how it works





# Matyáš Prokop

Supporting learners for life

Bubakov.net



ISP Co-founder  
2003



Student  
2009



Network  
Engineer  
2011



Data Center  
Designer & Engineer  
2013



Senior Network  
Consultant  
2014



Principal  
Architect  
2017



Technology  
Director  
2022

2003

2009

2012

2018

2019

2019

2020 - Present

Co-founded  
community  
driven ISP for  
rural areas  
in UK



Finished  
CCNP



Completed  
CCDP  
  
Organized  
London Network  
Automation  
Meetup



























Hosting Cisco  
Partner Events



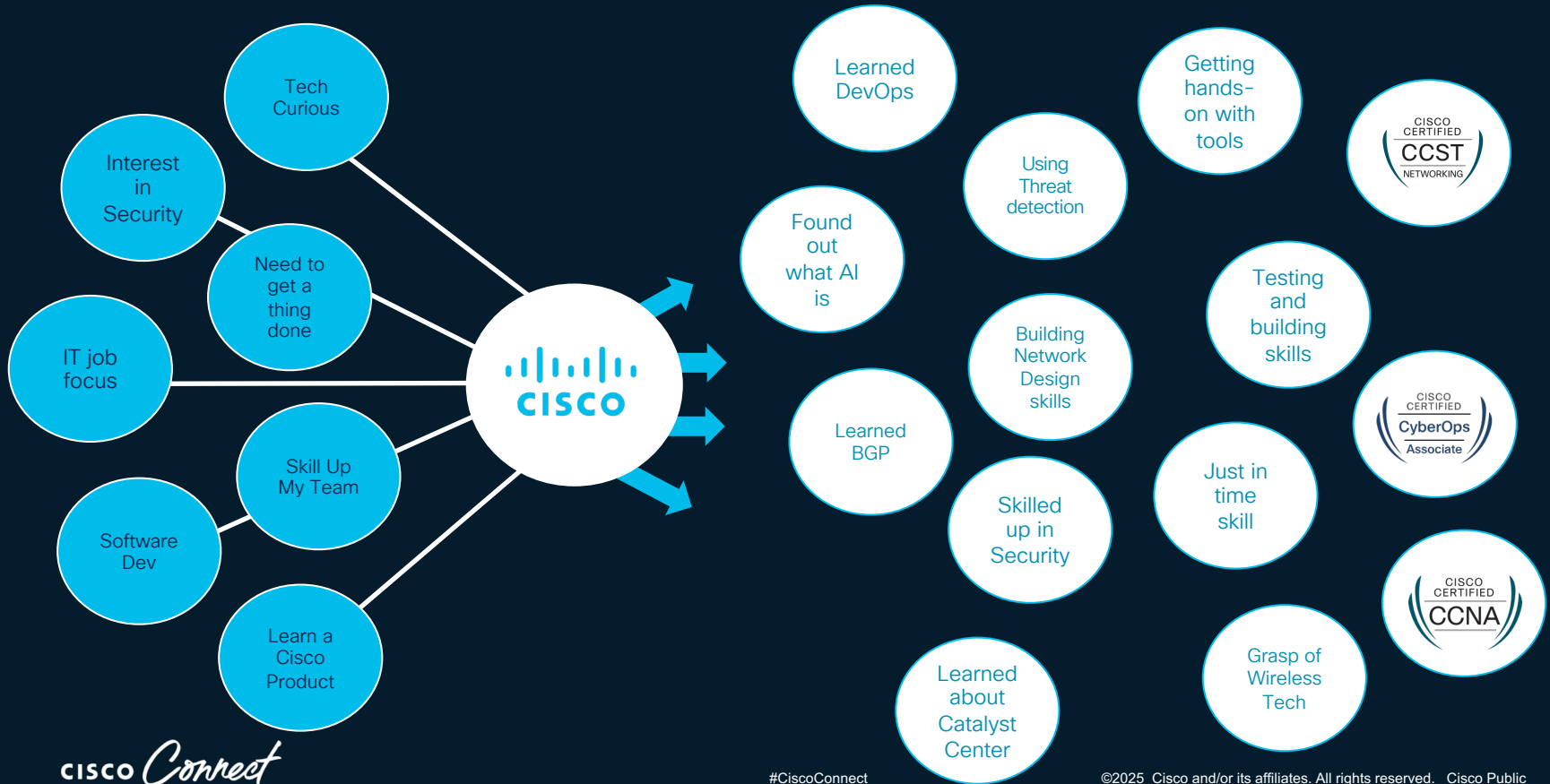
Presented at  
Cisco Live on  
open source  
software &  
automation



# Cisco Certification & Training Portfolio validates critical skills

	 <b>Connect</b> with Network Infrastructure Engineering	 <b>Secure</b> with Cybersecurity & CyberOps	 <b>Automate</b> with DevNet Software Programmability
Entry	 		
Associate			
Specialist			
Professional			
Expert		 	
	 <b>Observe</b> Training on Cisco FSO, Assurance, and Monitoring	 <b>APPDYNAMICS</b>	 <b>panoptica</b>  <b>ThousandEyes</b>  <b>ACCEDIAN</b>

# Multiple possible entry points, multiple exits...



# Cisco Learning Enabling AI Skill Mastery | Entry to Expert

Entry



Advanced



Expert



## Certification Updates for AI Skills

- Updated CCNA Q1 FY25 with new AI Infra and Gen AI Topics
- Cloud, Security & AI Certification: Designing & Implementing Secure Cloud Access for Users and Endpoints
- AI/ML related Certification: Enterprise Network Assurance
- Updating CCNP DC training to incorporate AI Infrastructure where appropriate (Q2/Q3)
- CCIE Data Center updated with AI, Q1 FY25
- CCDE AI Infra -- launching Feb 2025; exam sign-ups underway

## Certification AI Infra Training aligned with Cisco CVDs

AI Basics	AI Infrastructure Requirements & Compliance	AI Network Architectures	AI Data Considerations	AI Hardware Resources	AI Automation	AI Security	AI Operations & Troubleshooting
Introduction to AI	AI Infrastructure	Key Network Challenges and Requirements for AI Workloads	Application-Level Protocols	AI-enabling Hardware	Fabric Automation	AI/ML infrastructure hosting implications	AI Operations and Monitoring
AI Workloads	Workload Placements and Interoperability	AI Transport	High Throughput Converged Fabrics	Compute Resources	Compute and Storage Automation	Infrastructure protection	AI Troubleshooting
AI-ML Clusters	Compliance, Policies and Governance	Connectivity Models	Building Lossless Fabrics	Virtual Resources		Protection against malicious uses	
	Sustainability	AI Network	Congestion Visibility	Storage Resources		Resource Security Considerations	
			Data Preparation				

AI Solutions on Cisco  
Infrastructure – Basics

Available Now

AI Solutions on Cisco  
Infrastructure – Essentials

Available Jan. 30, 2025

AI Solutions on Cisco  
Infrastructure – Advanced

Available March 2025

# Your key takeaway



The UK and Ireland's economies, societies and workforce are transforming.. Cisco's Digital Impact Office is here to partner with you!

# Thank you



CISCO *Connect*

GO BEYOND

#CiscoConnect