



Illinois Center for Specialized Professional Support,  
Illinois State University, College of Education

# Spotlight on IT - *Information Technology* - Career Pathways in Illinois

July 29, 2020



- Phone lines will be muted for better sound quality
- Please 'introduce' yourself by typing your name in the chat box
- Please use question box to ask questions

## Today's Speakers

**Christian Michael**, Program Manager, Community Engagement,  
Google

**David Jacobs**, Senior Director, National Able Network, IT Career Lab

**Karen Powell Larson**, Associate Director, Student Immersion  
Programs, Discovery Partners Institute, Tech Ready

**Whitney Thompson**, Senior Director for Career Technical Education,  
Illinois Community College Board

**Jeff Kaplan**, Customer Success - Public Sector, Coursera

# Increase In-Demand IT Skills While Out of Work

May 14, Governor Pritzker announced the launch of [Get Hired Illinois](#) – a state web portal designed to connect workers with available job and career training opportunities across the state of Illinois. The page is designed to be user-friendly for job seekers of all levels and backgrounds and allows employers to upload jobs, virtual career fairs and training opportunities.

During the announcement the Governor also announced an upcoming launch of a partnership with the [Coursera's Workforce Recovery Initiative](#) which will offer online career training for Illinois residents, with a special emphasis on pathways to information technology professional certificates.

# Career Pathway Theory of Change



## Career Pathways Dictionary

A Unified State Framework for College and Career Readiness and Success



## SELECTED OCCUPATIONS, WAGES, & JOB GROWTH

Program	Typical Job	Near or Above Living Wage Threshold for 1 Adult + 1 Child	Median Hourly Wage	Growth in Illinois: Annual Job Openings	Growth in Illinois: % Change Over 10 years	Stackable?
1 <b>Computer Information Systems/ Computer Programming</b>	Computer Systems Analysts	Y	\$41.67	2,230	9%	Typically Stacks to Bachelor's Program
	Computer User Support Specialists	Y	\$24.27	220	11%	
2 <b>Computer Science</b>	Computer and Information Systems Managers	Y	\$65.12	1,370	10%	
	Computer Hardware Engineers	Y	\$50.35	110	12%	
	Software Developers - Applications	Y	\$45.88	2,690	28%	
	Software Developers - Systems Software	Y	\$51.63	1,030	13%	
	Computer and Information Research Scientists	Y	\$55.43	90	21%	
3 <b>Web Development</b>	Web Developers	Y	\$33.85	515	15%	
4 <b>Networking and Cloud Computing</b>	Computer Network Architects	Y	\$56.07	400	7%	
	Information Security Analysts	Y	\$46.13	430	23%	
	Network and Computer Systems Administrators	Y	\$39.87	970	5%	
	Computer Network Support Specialists	Y	\$29.80	840	8%	

Illinois Model Programs of Study Guide: Information Technology | June 2020

IT Programs of Study: <http://edsystemsniu.org/wp-content/uploads/2020/06/Model-Programs-of-Study-Guide-Information-Technology-DRAFT.pdf>

Career Pathways Dictionary:  
[https://icsps.illinoisstate.edu/images/pdfs/CTE/Perkins\\_V/6Perkins\\_V\\_Resource\\_IL-Career-Pathways-Dictionary.pdf](https://icsps.illinoisstate.edu/images/pdfs/CTE/Perkins_V/6Perkins_V_Resource_IL-Career-Pathways-Dictionary.pdf)

# Growth in IT Jobs In Top 6 Sectors in Illinois

STATE

## IT is key industry in Illinois Gov. Pritzker's five-year economic plan



**Between 2009 and 2018,  
employment in Illinois' IT  
industry grew by 39.5 percent.**

Written by [Ryan Johnston](#)

OCT 15, 2019 | STATESGOOP

A new five-year economic plan from Illinois Governor J.B. Pritzker's administration names information technology as the state's fastest-growing industry, and one of six key sectors in which investment will make the state's economy more equitable.

The [plan](#), released last Wednesday by the Illinois Department of Commerce and Economic Opportunity, laid out the state's current and future initiatives to grow the IT industry, primarily through increased government investment in research facilities and collaboration between universities, private companies and the Department of Innovation & Technology.

# Labor Market Information Snapshot: Computer System Analysts

Occupation is in demand for the following regions: **Central, West Central, East Central, North Statewide**

## AT A GLANCE

Computer systems analysts improve existing computer systems. They also plan and develop new system

Quick Facts: Computer Systems Analysts	
Wages	Earn \$86,675 per year
Employment	Very large occupation
10 Year Growth	Average growth
Annual Openings	Very High



EDR	Employment (2012)	Employment Change (2012-2022)		Average Annual Job Openings Due to Growth Replacements Total			Entry Hourly	Entry Annual	Education Level	On-the-job Training Level
		Number	Percent							
Central	804	2	0.2000%	1	15	16	\$36.24	\$75,389	Bachelor's degree	None
East Central	393	68	17.3000%	7	7	14	\$26.26	\$54,619	Bachelor's degree	None
North Central	866	91	10.5000%	9	16	25	\$30.32	\$63,071	Bachelor's degree	None
Northeast	13619	3054	22.4000%	306	255	561	\$26.65	\$55,427	Bachelor's degree	None
Northern Stateline	293	40	13.7000%	4	6	10	\$26.32	\$54,749	Bachelor's degree	None
Northwest	491	53	10.8000%	5	9	14	\$22.84	\$47,513	Bachelor's degree	None
Southeast	247	21	8.5000%	2	5	7	\$19.16	\$39,851	Bachelor's degree	None
Southern	284	42	14.8000%	4	6	10	\$27.64	\$57,490	Bachelor's degree	None
Southwest	605	120	19.8000%	12	11	23	\$24.31	\$50,569	Bachelor's degree	None
West Central	149	7	4.7000%	1	3	4	\$23.14	\$48,123	Bachelor's degree	None

<https://www.illinoisworknet.com/>

# Job Outlook by Economic Development Region (EDR) July 2020

**IDES**  
Illinois Department of Employment Security  
Economic Information & Analysis Division  
33 South State Street, Chicago, IL 60602  
607 East Adams Street, Springfield, IL 62761

**Economic Development Region 6 | Northwest**  
July 2020

**EDR 6**

EMPLOYER	JOB POSTINGS
Amazon	87
UnityPoint Health	40
State of Illinois	35
Schneider National	25
Walmart / Sam's	24
Methodist College	21
Deere & Company	18
United States Postal Service	15
Maurices	15
Genesis Health Group	15
Hy-Vee	13
Tyson Foods	12
St. Margaret's Hospital	12
Walgreens	11
Trishon Company	11
State Farm Insurance	11
CGH Medical Center	11
United States Postal Service	11



**TECHNICAL NOTES:**  
1. The Economic Information & Analysis (EIA) Division collects, compiles, analyzes, validates and distributes a variety of workforce, career forecasts and other market information such as the State of Illinois' primary source of labor market statistical data, QUIC (used for EDR Data and Statistics).  
2. Job data are prepared for the first week of each month and reflect job posted in the prior month. The total number of job openings is reported period to month. Job information is available on the 15th of each month.  
3. This report represents employers that post jobs on job sites. Hiring practices of some industries, such as construction, do not typically post their job openings online.

- Heavy and Tractor-Trailer Truck Drivers
- Software Developers, Applications
- First-Line Supervisors of Retail Sales Workers

Software Developers, Applications	64
First-Line Supervisors of Retail Sales Workers	59
Registered Nurse	51
Maids and Housekeeping Cleaners	23
Web Developers	22
General and Operations Managers	20
Production Workers, All Other	18
Food Service Managers	37
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	36
Merchandise Displayers and Window Trimmers	34
Drivers/Sales Workers	32
Shipping, Receiving, and Traffic Clerks	26
Maids and Housekeeping Cleaners	23
Web Developers	22
General and Operations Managers	20
Production Workers, All Other	18

This workforce product was funded by a grant awarded by the U.S. Department of Labor's Employment and Training Administration. The product was created by the equipment and data...

**IDES**  
Illinois Department of Employment Security  
Economic Information & Analysis Division  
33 South State Street, Chicago, IL 60602  
607 East Adams Street, Springfield, IL 62761

**Economic Development Region 4 | Northeast**  
July 2020

**EDR 4**

EMPLOYER	JOB POSTINGS
Amazon	2,890
Allstate	576
Amica Health	478
Chicago Public Schools	373
Northwestern University	368
Advocate Health Care	276
Anthem Blue Cross	273
Panera Bread	253
Advance Auto Parts	214
Lowe's	201
University of Chicago	184
State Farm Insurance	182
Walgreens	173
JP Morgan Chase	170
Allied Universal	167
Speedway	162
Nussbaum Transportation	151
Northern Trust	151
University of Illinois	150
Kindercare	144



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4. The Conference Board Help Wanted On-Off Data Index (HWDOI) measures the number of new, full-time contract job offers and job openings from the prior month from over the 38,000 nearest job boards, corporate boards and online job sites that are not on a number and under geographic areas. From the HWDOI, job offers in the HWDOI Data Index may have hours under the information listed. These hours are an additional and corrected an on-going basis.

- 66
- 64
- 59

OCCUPATION	JOB POSTINGS
Laborers and Freight, Stock, and Material Movers, Hand	2,258
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	1,981
Software Developers, Applications	1,766
Registered Nurses	1,750
Retail Salespersons	1,690
Customer Service Representatives	1,357
First-Line Supervisors of Retail Sales Workers	1,255
Managers, All Other	1,249
Heavy and Tractor-Trailer Truck Drivers	1,126
Combined Food Preparation and Serving Workers, Including Fast Food	987
Sales Managers	786
Stock Clerks/Stockroom, Warehouse, or Storage Yard	768
Security Guards	715
General and Operations Managers	711
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	1,701
Software Developers, Applications	1,766
Registered Nurses	1,750

not necessarily reflect the official position of the U.S. Department of Labor. QUIC HWDOI for complete answers.

- Maids and Housekeeping Cleaners
- Web Developers


- Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products 1,701
- Software Developers, Applications 1,766
- Registered Nurses 1,750



Grow with **Google**

# IT Professional Certificates

Origin story



Google

First Year Up Cohort



# An industry-wide call to action

215,000+ open entry-level IT support roles nationally and ~9067\* in Illinois alone

Most entry-level IT support roles do not require a four year degree

Learners need access to hands-on, remote training

Employers need a diverse pipeline of IT candidates

\*Burning Glass Technologies. 2020.

# Overview

# Google IT Support Professional Certificate



Google



coursera


# Google IT Support Professional Certificate

## Comprehensive courses

 **For beginners** with basic tech skills

 29 weeks  10 Hours /week

 64 Hours of Video  176 Assignments

 26 Interactive labs

 31 Coding assignments

Technical Support Fundamentals

The Bits & Bytes of Computer Networking

Operating Systems & You: Becoming a Power User

System Administration & IT Infrastructure Services

IT Security: Defense Against the Digital Dark Arts

## Novel product

Makes no revenue to Google

Does not teach Google products/services

Strong focus on D&I

Hands-on, practice-based approach

CompTIA recognized





# Google IT Automation with Python Professional Certificate

 **29**  
weeks

 **19** graded  
Qwiklabs

 **24**  
hours of video

 **5**  
hours/week

 **8**  
interactive labs

 **1** capstone  
project

Crash Course on Python

Using Python to Interact with the Operating System

Introduction to Git and GitHub

Troubleshooting and Debugging Techniques

Configuration Management and the Cloud

Automating Real-World Tasks with Python

## Impact

**200,000+** enrollments

**61%** do not have a 4-yr+ college degree

**~45%** in lowest income tertile

**58%** African American, Latino, female, or veteran

**2.5x** the completion rate of comparable content on Coursera

**80%** positive career outcome

Employers

## Hiring Consortium

- ~50 companies who have committed to consider Google IT Certificate completers for their open IT Support roles
- Learners can opt to share their information with them via a weekly candidate file upon Certificate completion



# grow.google/employers

Grow with Google

Overview

Programs

Training

Partners

Remote Work

Latest

About

## Together we help create career opportunities for everyone

Google's IT Professional Certificates foster opportunity for nontraditional IT talent to kickstart a technical career, thanks to our hiring consortium member companies. The program is product agnostic and designed to help people land jobs at any company, across any sector. Become a participating employer to connect with skilled candidates and grow your talent pipeline.

[Become a participating employer](#)

Search

Get new jobs for this search by email

Create Alert

 I agree to the [Terms of Use](#) and acknowledge that I have read and understand the [Privacy Notice](#)

## More Jobs from our partners

**Technology Specialist - Middleware Support** PNC Financial Services Group Cleveland, OH, USA

Provides technical operational, analytical and research support to technical teams through both ... that information in creating customized customer solutions \* Managing Risk - Assessing and ...

[24 Jobs](#)**Senior IT Support Technician** Net Guys Lakewood, OH, USA [Quick Apply](#)

This position is for a Senior IT System Administrator with management responsibilities. Duties ... Senior advisor role for Tier 1 and 2 support technicians \* Project management of server and ...

[27 Jobs](#)**IT Support Technician** TOTAL ID SOLUTIONS INC Wickliffe, OH, USA [Quick Apply](#)

This individual can help implement the future direction of solutions sold by Total ID Solution and ... Develop and promote the overall vision, goals, objectives, and policies for the Technical Support ...

[5 Jobs](#)**AVP, IT Audit** AmTrust North America Cleveland, OH, USA

... Information Systems, Computer Science or other related field (i.e. Finance/Accounting). \* ... PC based systems using Microsoft .Net Framework and SQL databases, cloud-based and network ...

[13 Jobs](#)**Senior Product Manager - Information Technology/SaaS** PeopleConnect Staffing Cleveland, OH, USA

This is NOT a good fit for those who work in large companies with large teams and support staff ... from technical stakeholders to senior leadership to outside customers \* BS/BA(engineering ...)

[24 Jobs](#)

**Refine your search**

Active Filters [Clear All](#)

50 Miles

Skills

- Linux (2)
- Mobile App Development (2)
- cooking (2)
- Agile (1)
- Communication (1)

(2) More

State

- Ohio (13)

Country

- United States (13)

Professional Certificate

- Google IT Support Certif... (13)

Workplace

- Open to Remote (9)

Relocation

- Open to Relocation (5)

- Profiles in Cleveland, OH, USA** 23 Results in 14ms Best Match ▾
- Jennifer Zorko**  
Data Analyst, System Specialist, Programming  
[Open to Remote](#) Cleveland, OH, USA
  - Sean Miller**  
Experienced Customer Service Representative  
Flujer at All Foodsystems, Inc.  
[Open to Remote](#) Cleveland, OH, USA
  - Jaro Willis**  
Aspiring IT Technician | Sales representative with 3 years experience  
Team Member at Jo Ann Stores, Inc.  
[Open to Remote](#) [Open to Relocation](#) Elyria, OH, USA
  - Ricco Daniels**  
Information Technology Support Specialist - Information Technology Administrator - Information Technology Intern  
Owner/Operator at Arty Photo LLC Breckin Hughes, OH, USA
  - Andrew Hartman**  
Police Dispatcher, Computer Networking Student, Army Veteran Cantel Fulton, OH, USA
  - Daniel Sparks**  
[Open to Remote](#) Cleveland, OH, USA
  - Eyob Tadelle**  
IT Specialist  
[Open to Remote](#) [Open to Relocation](#) Cleveland, OH, USA
  - Sara Boomhower**  
Fuel System Operator at U.S. Army  
[Open to Remote](#) [Open to Relocation](#) Lakewood, OH, USA
  - Navpreet Kaur**  
Cashier  
Cashier at Staples Strongsville, OH, USA



## Christian Michael

Mountain View, CA, USA

Google IT Certificate Completer  
with a background in customer  
service

Bank teller at Bank of America

Contact

[Resume](#)

## Background

Test

## Job experience

● July 2013 - present

### **Bank teller**

Bank of America

Menlo Park, CA, USA

■ March 2010 - June 2013

### **Site administrator**

Construction ABC

San Jose, CA, USA

## Education

**Menlo Park Community College**



New Google Career  
Certificates, Coming Soon

Data Analyst

Project Manager

UX Designer

# grow.google/employers

Grow with Google

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[Become a participating employer](#)

**INFORMATION  
TECHNOLOGY  
SECTOR CENTER**

POWERED BY NATIONAL ABLE NETWORK

# Focus on Your Future: Careers in Information Technology

Wednesday, February 19, 2020





# INFORMATION TECHNOLOGY SECTOR CENTER

POWERED BY NATIONAL ABLE NETWORK



CHICAGO COOK  
WORKFORCE PARTNERSHIP



INFORMATION  
TECHNOLOGY  
SECTOR CENTER

***"The Plumbers"***



**IT Infrastructure**

***"The Appliance Designers"***



**Coding  
App Development**

***"The Waterworks"***



**Data Storage  
Data Analysis**

**INFORMATION  
TECHNOLOGY  
SECTOR CENTER**



*"The Plumbers"*



**IT Infrastructure**

**Help Desk Jobs**

**2 - year degree  
Industry Recognized  
Credentials**

**INFORMATION  
TECHNOLOGY  
SECTOR CENTER**

*"The Appliance Designers"*



**Coding  
App Development**

**Consumer Apps  
Game Development  
Business Applications**

**Portfolio of work  
2-year or 4-year degree**

*"The Waterworks"*



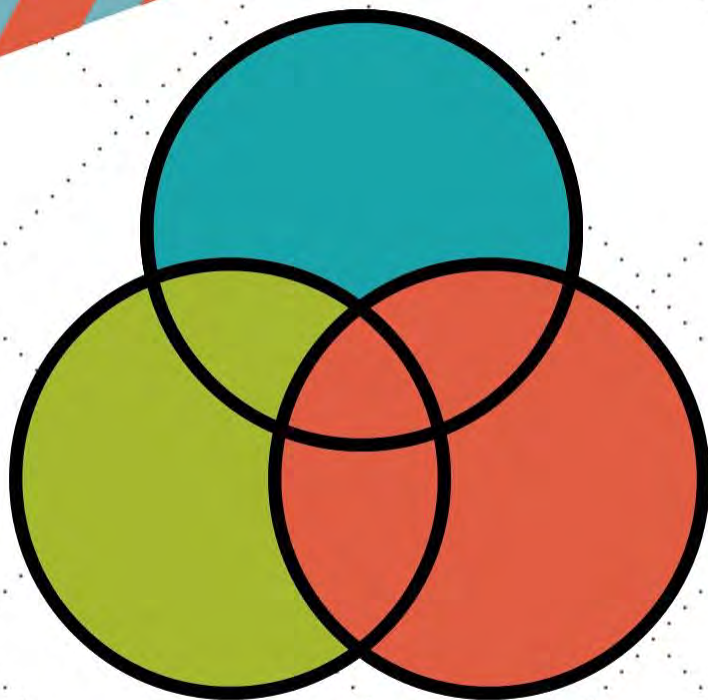
**Data Storage**  
**Data Analysis**

**"Big Data"**

**Business Analysis**  
**Data Scientist**

**4-year degree**





# Careers and Career Pathways

**All have Intersections**



**You've learned how  
to learn.**

**Keep doing that.**



# Tech Ready Illinois

Emerging from the COVID-19 Crisis Stronger than Ever



# TechReady Illinois = DPI + P33

**DPI** empowers people to jumpstart their tech careers or companies in Chicago

+

**P33** collaborates to address gaps in Chicagoland's tech ecosystem to make us a leading tech hub

1



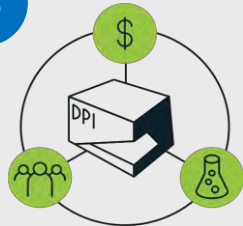
TECH TALENT DEVELOPMENT FOR HIGH-DEMAND JOBS

2



APPLIED R&D

3



BUILDING CHICAGO'S TECH ECOSYSTEM



COMMERCIALIZING DEEP TECHNOLOGY



BUILDING AN INCLUSIVE WORKFORCE







SCALING GROWTH STAGE STARTUPS

In response to COVID-19, we launched TechReady Illinois

# What is TechReady Illinois?

- Training in high-demand tech fields
- Certificates available
- Student Experience in some programs
  - Study groups
  - Coaching
  - Projects
- Curated with leading employer-driven input

## Learning Tracks

-  Data and Analytics
-  Cloud Computing
-  Software Development
-  Cybersecurity

# Our Learners

## Individual's Story

## Sample Use Cases

## Skills to Build

1

**Advanced  
(Accelerate)**

- Already on a data/tech career track, temporary sidetracked by COVID, and wants incremental learning to **advance, and get to the cutting edge**

- Data engineer becomes cloud engineer
- Manager of technical teams gains fluency in AI and ML
- Business Analyst learns new data science and data visualization tools

- AI, ML
- Data Science
- Data Visualization
- Cloud
- DevOps
- S/W Engineering
- UI / UX
- Cybersecurity

Focus

2

**Intermediate  
(Pivot)**

- Unexpected unemployment creates opportunity for **career pivot**

- Accountant pivots to data analytics career
- Marketing professional becomes UX professional

- Data analytics
- Web Development
- Azure/AWS Admin
- Cybersecurity
- Digital fundamentals

Focus

3
















**Introductory  
(Access)**

- Lack of credentials limits earning prospects in good times; new digital skills will unlock new living-wage opportunities

- Retail manager becomes front-end web developer
- Tech saleswoman becomes cybersecurity technician
- Waiter learns digital fundamentals to get account management role

# Provider Partners Across Four Tracks

10 Providers offering 21 Programs for any Stage of Technical Expertise

Data & Analytics	Cloud Computing	Cybersecurity	Software Developer
 Data and Analytics for Business Professionals – University of Chicago  Analytics Skills iCademy – UIUC Gies Introduction to Business Analytics and Information Economics – UIUC Gies Data Mining Specialization – UIUC Grainger  Data Analytics/PowerBI – National Able  Intermediate SQL – UIS Splunk Fundamentals - UIS	 Cloud Computing Specialization – UIUC Grainger  Certificate in Distributed and Cloud Computing – Illinois Tech  AWS Fundamentals Specialization – Coursera  Understanding the Cloud – UIS	 Certificate in A+, Network+, Cyber Tech – Illinois Tech <b>i.c.stars  *</b> IT and Business Leadership Bootcamp  Cybersecurity Boot Camp – City Colleges of Chicago Cisco Cybersecurity Essentials – City Colleges of Chicago	 Accelerated CS Fundamentals Specialization – UIUC Grainger  Certificate in Software Engineering – Illinois Tech Certificate in Advanced Software Development – Illinois Tech  Developer Apprenticeship – Catalyte  Intro to Python 3 Programming - UIS  iOS Boot Camp – City Colleges of Chicago

\* Some programs will also include Student Experience

# TechReady Student Experience



## Content

- Programs offered across four tech tracks based on corporate Needs Assessment
- Speakers and workshops



## Cohort / Study Group

- Groups formed for shared support and learning collaboration
- Weekly study groups of ~5 students via MS Teams



## Enrollment Support

- Visit the website to understand the careers and course options, and complete a pathway recommendation engine
- Navigator to assist with decisions and enrollment



## Coach

- Industry practitioner who can provide career context for the skills and some support on learning content
- Weekly 1-hour video calls with study groups



## Project

- Coming Soon: Opportunities to deploy skills in an authentic context via micro-internships, group projects sourced from companies, etc.

## Job Placement Assistance (Coming soon)



To find out more ...

|

Visit us at  
**[www.techreadyillinois.com](http://www.techreadyillinois.com)**



# **CAP-IT**

## **CUSTOMIZED APPRENTICESHIP PROGRAMMING IN INFORMATION TECHNOLOGY**

Whitney Thompson  
Senior Director for Career Technical Education  
July 29, 2020

# CAP-IT OVERVIEW

**Department of Labor (DOL) Grant (\$3,999,649 for fiscal years 2020-2023)**

**Goals:**

1. Expand existing industry-led customized apprenticeships through IT sector partnerships
2. Innovate new apprenticeship models for pilot and expansion
3. Scale and expand apprenticeship model nationally

**Target Industry: Information Technology**

- Main Pathways: IT Generalist/ Network Systems, Information (cyber) Security, Programming and Software Development

**Target Populations:** Low-skilled Adults (17+), Veterans, Formerly Incarcerated, Un/underemployed, Incumbent Workers, Individuals with Disabilities

# IMPLEMENTATION PARTNERS

## Colleges

1. College of Lake County
2. Oakton Community College
3. Kishwaukee College
4. City Colleges of Chicago
5. Prairie State College
6. Illinois Central College
7. Richland Community College
8. Lincoln Land Community College
9. Rend Lake College
10. Parkland College

## Employers

- CompTIA  
Accenture  
SNTial Technologies Inc.  
Microsoft  
J.P. Morgan Chase  
University of Illinois  
National Enrichment Industries  
Caterpillar  
State Farm  
Oregon Community School District  
Rochelle Municipal Utilities

# PARTNERS



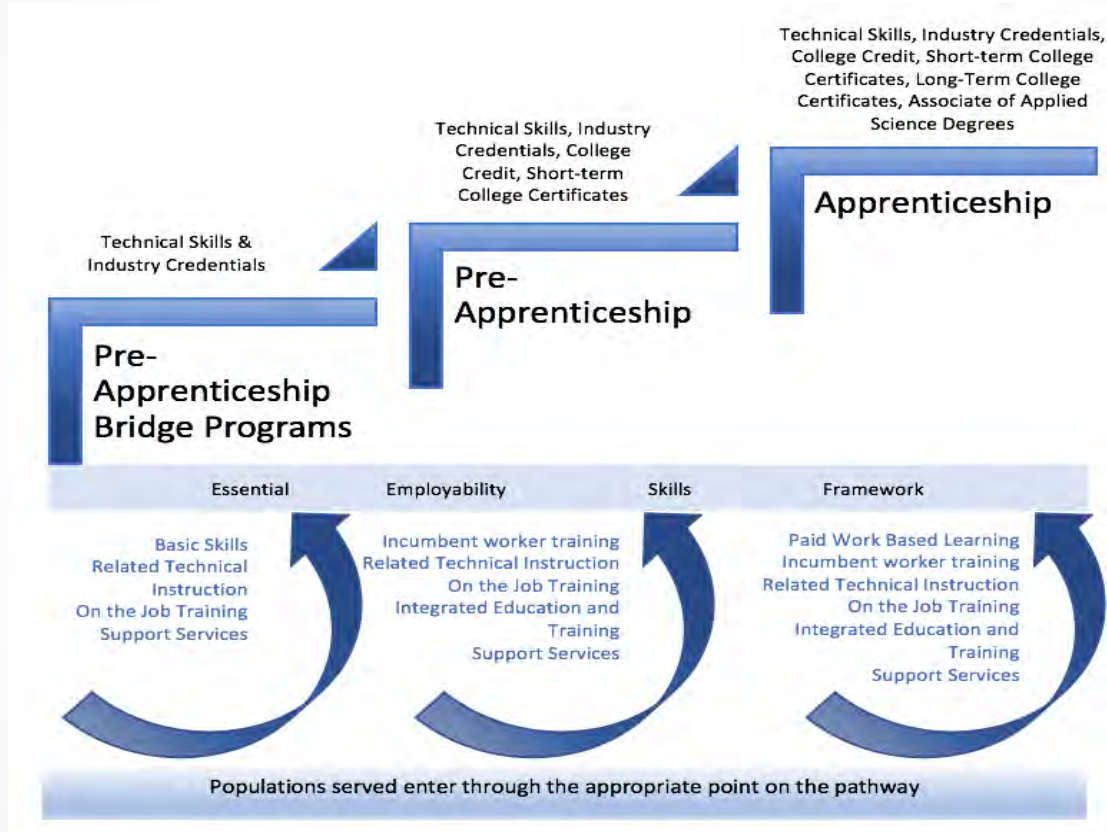
Illinois  
Department of Commerce  
& Economic Opportunity



Illinois Department of  
Veterans' Affairs

Illinois Workforce  
Innovation Board

# CAP-IT MODEL



# FOR MORE INFORMATION:

Jennifer K. Foster, Deputy Executive Director

[Jennifer.Foster@illinois.gov](mailto:Jennifer.Foster@illinois.gov)

Lavon Nelson, Senior Director for Workforce

[Lavon.Nelson@Illinois.gov](mailto:Lavon.Nelson@Illinois.gov)

Whitney Thompson, Senior Director for CTE [Whitney.Thompson@Illinois.gov](mailto:Whitney.Thompson@Illinois.gov)

<https://www.iccb.org/cap-it/>



# Illinois IT Career Pathways Webinar

July 29, 2020



**course**ra for Government

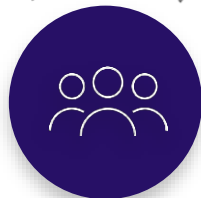
**Jeff Kaplan** - Government Lead - Customer Success  
jkaplan@coursera.org



# Coursera

World-class,  
transformative learning

**Learner**  
Learn & prosper



**66+** million  
registered learners

**40,000**

skills taught and learned



**200**

Industry &  
University Partners



**Educator**  
Teach the world

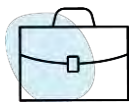


**Employer**  
Transform talent

**2,400**

Institutions transform  
skills with the Coursera  
platform

# Free access Job-relevant content to transform skills



**Business**

**1,000+**  
courses



**Technology**

**700**  
courses



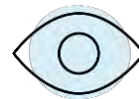
**Data  
Science**

**380**  
courses



**Health**

**100**  
courses



**Social  
Sciences**

**780**  
courses



**Arts &  
Humanities**

**340**  
courses

**4,300** courses

**140,000** lecture videos

**240,000** assessments



# Coursera Professional Certificates growing rapidly



**Google IT  
Support**



**SAS Visual  
Business  
Analytics**



**SAS Programmer**



**IBM z/OS  
Mainframe**



**Google IT  
Automation with  
Python**



**Cloud Architecture  
with Google Cloud**



**Cloud Engineering  
with Google Cloud**



**IBM Customer  
Engagement Specialist**



**IBM Data Science  
Professional**



**IBM Applied AI**



**IBM AI Engineering**



**ISC^2 Systems Security  
Certified Practitioner**



**UCI Project  
Management  
Professional (PMP)**



**ASU TESOL  
Professional**



**Google Data  
Engineering with  
Google Cloud**

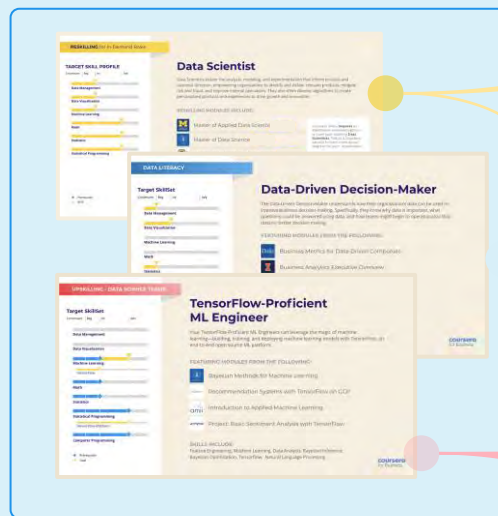
# We know the essential skills for the future

by role, business function, and industry—based on the **insights from 66+ million learners**

We look at the **content that top-performing learners take** and **what skills they develop**



We generate **SkillSets and Career Learning Paths** from their learning patterns and what companies need



These **products make it easy to launch role-based learning programs** that develop future skills





**Interested to learn more?**

**Contact: [workforce@coursera.org](mailto:workforce@coursera.org)**

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# Upcoming WIOA Professional Development Webinars

Check out the line up at: <https://icsps.illinoisstate.edu/wioa/wednesday-webinars>

## Illinois workNet's Virtual Job Fair: Connecting Job Seekers to Employers, August 5 , 2020 at 12:00 pm

Virtual Job Fairs (VJFs) give job seekers the opportunity to explore employer information and find job opportunities from the comfort of their home or office via a desktop, laptop, tablet, or smartphone. Job seekers can participate by visiting virtual booths for employer information or join a virtual event for a more personal experience. Employers have the option to have a booth only, participate in a single employer event, or participate with a group of employers based on industry and/or region.

See schedule of upcoming Virtual Job Fairs at:  
<https://www.illinoisworknet.com/VirtualJobFairs/Pages/vjfevents.aspx>

- CompTIA held one on July 23
- July 29 and August 5: Amazon