

# Quickly Identify In-Demand Technology Skills and Credentials Online

Sites sponsored by the U.S. Department of Labor, Employment & Training Administration

## CareerOneStop (COS) Credential Center:

<https://www.careeronestop.org/credentials/index.aspx>

- Certification Finder
- License Finder



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Certification Finder

◀ New Search

Your Search

Certification Name, Organization, Industry or Occupation

Certified Information S

Search

Find current certifications for your occupation or industry. Use the filters at left to refine your results.

We found 4846 certification(s) from 939 organization(s) for **Certified Information Systems Security Professional (CISSP)**.

Certification Name	Certifying Organization	Type
<a href="#">Certified Information Systems Security Professional</a>	International Information Systems Security Certification Consortium, Inc.	Advanced

New Search by

Can also 'filter' the search to quickly identify those labeled 'in-demand'

## What do the certification icons mean?



= This certification is considered **in demand**

CareerOneStop analysis indicates the certification is frequently mentioned in online job postings.



= This certification is **accredited by the American National Standards Institute (ANSI)**



= This certification is **accredited by The National Commission for Certifying Agencies (NCCA)**



= This certification is **industry- endorsed**

Certifications marked as third-party endorsed are endorsed by a major industry association that is not itself the developer of the certification, such as NAM/Manufacturing Institute or the Health Professions Network.



= **This certification is related to Military Occupational Specialties**

These certifications were identified in Credentialing Opportunities On-Line (COOL) sites for the various branches of the armed services.



= **This certification is related to Career and Technical Education Career Clusters**

Certifications marked with [C] are related to the knowledge and skills specified in one or more of the sixteen Career and Technical Education Programs of Study.



= **This certification is related to the Job Corps training program**

Certifications marked with [J] are ones that have been selected by the industry groups that advise the Job Corps program on their training program offerings.

CareerOneStop **License Finder**

<https://www.careeronestop.org/Credentials/Toolkit/find-licenses.aspx>

## **What are the different certification types?**

There are five types of certifications included here: Core, Advanced, Specialty, Skill, and Product/Equipment. Each is defined below.

### **Core**

1. The certification does not have a minimum education level or has an education level below a two-year Associates of Arts or Associates of Sciences degree and the certification does not have a minimum requirement for work experience or requires two or less years of work experience.
2. The certification has an education level of an Associates of Arts or Associates of Sciences degree or higher, but has a work experience requirement of less than 2 years of work experience.
3. The certification has a work experience requirement of more than 2 years but does not require a two-year Associates of Arts or Associates of Sciences degree

## Advanced

The certification has an education level of an Associates of Arts or Associates of Sciences degree or higher and has a work experience requirement of more than 2 years, or requires obtaining a 'core' level certification from the same organization.

## Specialty

The certification corresponds to a specialty within a recognized occupation. For example Oncology Nurse and Pediatric Nurse are specialties within the nursing field, so Certified Oncology Nurse and Certified Pediatric Nurse would be classified as specialty certifications.

## Skill

A skill certification tests for basic skills and may or may not be related to a product. Examples of a skill certification would be CPR certification or word processing fundamentals certification.

## Product/Equipment

A product/equipment certification tests for knowledge about the use of proprietary software or hardware products. This classification is used primarily for computer-related companies such as IBM, CISCO, HP, etc.

## In-demand Technology Skills [www.ONETOnline.org](http://www.ONETOnline.org)

### Summary Report for: 15-1133.00 - Software Developers, Systems Software

Research, design, develop, and test operating systems-level software, compilers, and network distribution software for medical, industrial, military, communications, aerospace, business, scientific, and general computing applications. Set operational specifications and formulate and analyze software requirements. May design embedded systems software. Apply principles and techniques of computer science, engineering, and mathematical analysis.

**Sample of reported job titles:** Developer, Infrastructure Engineer, Network Engineer, Publishing Systems Analyst, Senior Software Engineer, Software Architect, Software Developer, Software Engineer, Systems Coordinator, Systems Engineer

View report: [Summary](#) | [Details](#) | [Custom](#)

[Tasks](#) | [Technology Skills](#) | [Tools Used](#) | [Knowledge](#) | [Skills](#) | [Abilities](#) | [Work Activities](#) | [Detailed Work Activities](#) | [Work Context](#) | [Job Zone](#) | [Education](#) | [Credentials](#) | [Interests](#) | [Work Styles](#) | [Work Values](#) | [Related Occupations](#) | [Wages & Employment](#) | [Job Openings](#) | [Additional Information](#)

#### Tasks

5 of 16 displayed

- Modify existing software to correct errors, to adapt it to new hardware, or to upgrade interfaces and improve performance.
- Develop or direct software system testing or validation procedures.
- Direct software programming and development of documentation.
- Consult with customers or other departments on project status, proposals, or technical issues, such as software system design.
- Analyze information to determine, recommend, and plan installation of a new system or modification of an existing system.

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#### Technology Skills

5 of 49 displayed [Show 7 tools used](#)

- Development environment software — Adobe Systems Adobe ActionScript 🔥; Apache Maven 🔥; Microsoft PowerShell 🔥; Verilog 🔥
- Object or component oriented development software — C++ 🔥; jQuery 🔥; Microsoft ActiveX 🔥; Python 🔥
- Operating system software — Cisco Systems IOS; KomShell 🔥; Linux 🔥; Wind River VxWorks
- Program testing software — Defect tracking software; Fault testing software; Hewlett Packard LoadRunner 🔥; Unit testing software
- Web platform development software — Apache Tomcat 🔥; JavaScript 🔥; LAMP Stack 🔥; Ruby on Rails 🔥

🔥 Hot Technology — a technology requirement frequently included in employer job postings.

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#### Knowledge

5 of 7 displayed

Click on a "fire" icon to see other occupations that use the same technology skills

Search by a specific Technology Skill:

o.net **O\*NET OnLine**  
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Help Find Occupations Advanced Search Crosswalks

**Tools & Technology Search for:**  
hadoop

New T2 search:  Go

Categories matching "hadoop"

**Data base management system software**

Examples: Apache Hadoop; Apache Cassandra; Apache Pig; Apache Solr; [show all 71 examples](#)

11-9041.00 [Architectural and Engineering Managers](#) Green  
25-1121.00 [Art, Drama, and Music Teachers, Postsecondary](#)  
19-1029.01 [Bioinformatics Scientists](#) Bright Outlook  
15-2041.01 [Biostatisticians](#) Bright Outlook  
13-1199.04 [Business Continuity Planners](#) Bright Outlook  
15-1199.08 [Business Intelligence Analysts](#) Bright Outlook

[Show all 64 occupations](#)

This information is also provided through the My Next Move suite:

- [www.MyNextMove.org](http://www.MyNextMove.org)
- My Next Move for Veterans [www.MyNextMove.org/vets](http://www.MyNextMove.org/vets)
- [www.MiProximoPaso.org](http://www.MiProximoPaso.org)

Get this information in one of 3 ways:

- Online through the DOL electronic tools
- As downloadable files
- As **Web Services/APIs**
- Certifications database is downloadable from:  
<https://www.careeronestop.org/developers/data/data-downloads.aspx>
- Tools and Technology database  
<https://www.onetcenter.org/database.html?p=3>

CareerOneStop **Web Services** available from:

<https://www.careeronestop.org/Developers/WebAPI/web-api.aspx>

O\*NET and My Next Move **Web Services** available from:

[https://www.onetcenter.org/dev\\_web.html](https://www.onetcenter.org/dev_web.html)

and <https://services.onetcenter.org/>

For more information:

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