

# Cisco Networking Academy

February 2024

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# Cisco Overview



We build bridges  
between hope and  
possibility



51.6B

FY22 Revenue



78,430 Employees  
60,000 Partners



Founded in 1984  
in San Francisco

#1 or #2 in most market  
segments we serve



274 Offices  
Globally



# #1 Best Workplace in the UK



# ~30 Global Inclusive Communities and growing

Employees can join multiple communities as members and allies to grow, learn and lead.



**Adult Caregivers Network**  
Inclusive Communities



**Alzheimer's Support Network**  
Inclusive Communities



**Back to Business Network**  
Inclusive Community



**Cancer Support Network**  
Inclusive Community



**Cisco Citizen Network**  
Inclusive Community



**Conexión LatinX Network**  
Inclusive Communities



**CAAN Connected Asian Affinity Network**  
Inclusive Community



**CBP Connected Black Professionals**  
Inclusive Community



**CDAN Connected Disability Action Network**  
Inclusive Community



**Diabetes Network**  
Inclusive Community



**Emerging Talent at Cisco**  
Inclusive Community



**Filipino Professional Network**  
Inclusive Community



**Finance Women's Network**  
Inclusive Community



**Green Team Network**  
Inclusive Community



**ICON Indians Connecting Network**  
Inclusive Community



**Interfaith Network**  
Inclusive Community



**iWISE Women in Science and Engineering - Supply Chain**  
Inclusive Community



**Lebanese at Cisco**  
Inclusive Community



**Men for Inclusion Network**  
Inclusive Community



**Mindfulness & Resilience Network**  
Inclusive Community



**Native American Network**  
Inclusive Community



**PRIDE LGBTQ+ & Allies**  
Inclusive Community



**Special Children's Network**  
Inclusive Community



**VETS Veteran Enablement and Troop Support**  
Inclusive Community



**Women in Cybersecurity**  
Inclusive Community



**WISE Women in Science and Engineering**  
Inclusive Community



**Women of Cisco**  
Inclusive Community



**WIN++ Women's Inventor Network**  
Inclusive Community

# Type of Roles We Hire

## Technical roles

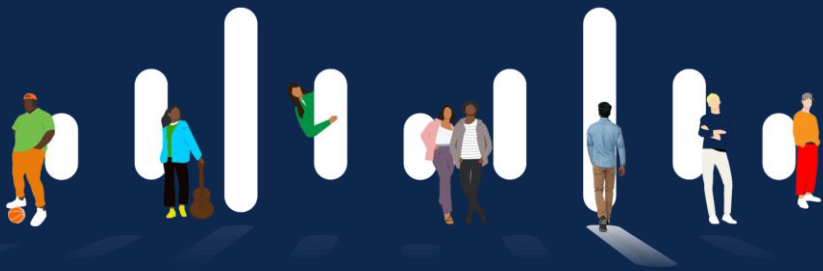
- Software Engineer Intern
- Software Engineer
- Associate Solutions Engineer
- Network Engineer / Network Support Engineer Intern
- Network Engineer
- Apprenticeship Program (Technical Track)

## Non-Technical roles

- Marketing Specialist Intern
- Associate Sales Representative
- Business / Data Analyst Intern
- Business / Data Analyst
- Apprenticeship Program (Sales Track)

Find all roles at [jobs.cisco.com](https://jobs.cisco.com)





# Discover Cisco Platform

Explore, collaborate, and build career aspirations with Discover Cisco—a unique platform that connects you with people across the globe.

Find information for the sessions on:

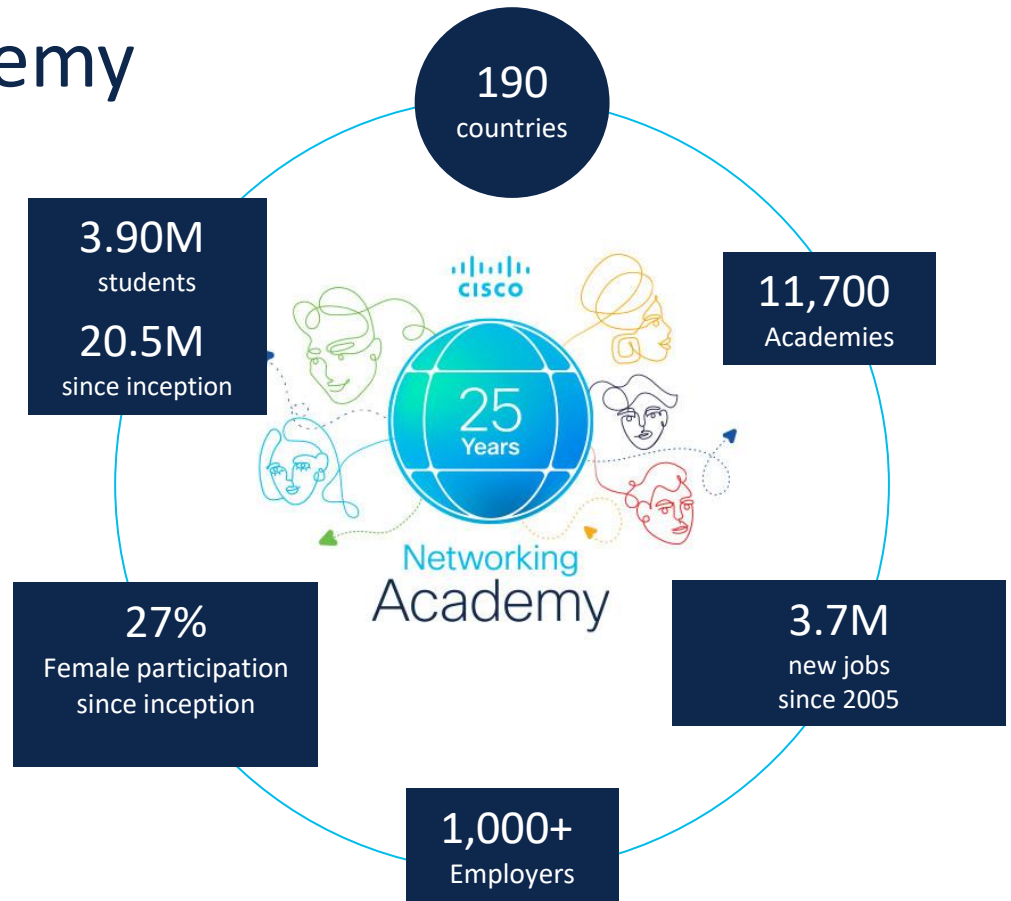
<https://www.cisco.com/c/en/us/about/careers/discover-cisco.html>



# Cisco Networking Academy

95%

of students completing certification-aligned courses attribute their participation in Networking Academy to obtaining a job and/or education opportunity



# A Closer Look at the Curriculum

## Networking

### Networking

Networking Essentials

- Networking Basics
- Networking Devices and Initial Configuration
- Network Addressing and Basic Troubleshooting
- **Network Support and Security**

CCNA: Introduction to Networks

CCNA: Switching, Routing, and Wireless Essentials

CCNA: Enterprise Networking, Security, & Automation

CCNP Enterprise: Core Networking

CCNP Enterprise: Advanced Routing

### Automation

DevNet Associate

Workshop: Model-Driven Programmability

## Cybersecurity

Introduction to Cybersecurity

Cybersecurity Essentials

- Endpoint Security
- Network Defense
- Cyber Threat Management

CyberOps Associate

Network Security

Ethical Hacker

## Data Science

Introduction to Data Science

Data Analytics Essentials

## Operating Systems & IT

Computer Hardware Basics

Operating System Basics

IT Essentials

Linux Unhatched

Linux Essentials

Linux I

Linux II

## Programming

PCAP: Programming Essentials in Python

- Python Essentials 1
- Python Essentials 2

JavaScript Essentials 1

CLA: Programming Essentials in C

CPA: Programming Essentials in C++

CLP: Advanced Programming in C

CPP: Advanced Programming in C++

Workshop: Experimenting with REST APIs

## Digital Literacy

Get Connected

Introduction to IoT and Digital Transformation

## Professional Skills

### English for IT

English for IT 1  
English for IT 2

### Core Skills

Engaging Stakeholders for Success

### Entrepreneurship

Discovering Entrepreneurship

## Practice

### Cisco Packet Tracer

Getting Started with Cisco Packet Tracer

Exploring Networking with Cisco Packet Tracer

Exploring IoT with Cisco Packet Tracer

### Additional Tools

Virtual labs

Remote accessible labs

Gamification

Physical equipment

Assessments



# Adding More Value for Learners

## 1 Prepare for real, well-paying jobs

- Top-notch, practical curriculum from the world's top networking & cybersecurity company, designed with the end in mind: the skills required for success in a job role
- Earn industry certifications that employers value, validating you have vendor-neutral, transferable skills to work anywhere
- Get set up for success with career resources and job matching

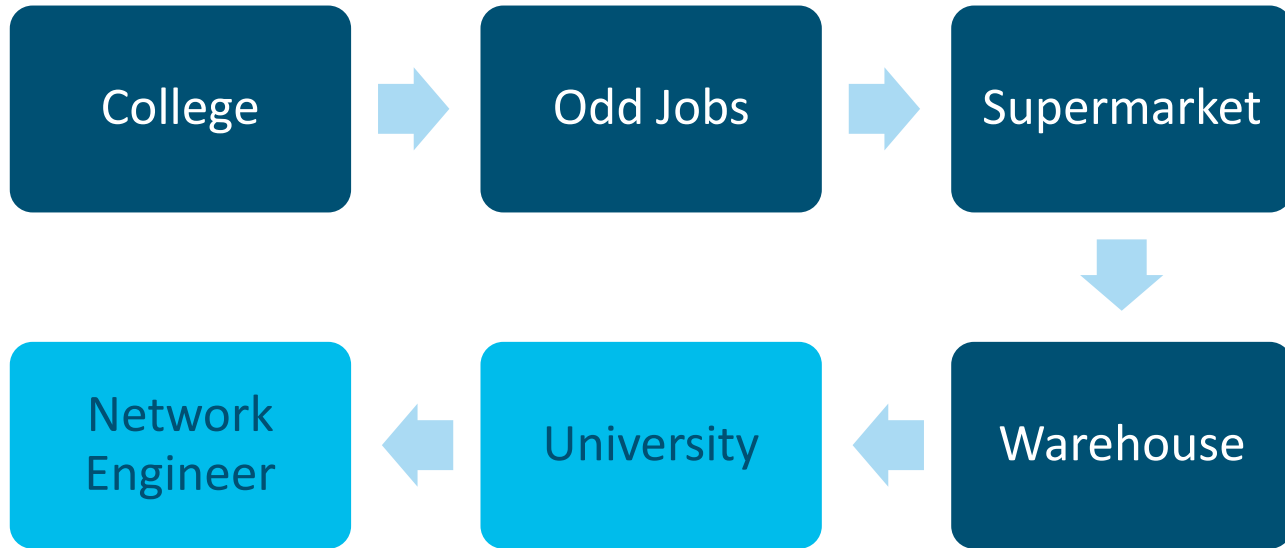
## 2 Build confidence with practical, hands-on skills

- Gain industry-relevant skills with real-world curriculum and hands-on, game-based, fun learning experiences
- Get ample practice and hone your problem-solving skills with hands-on & virtual labs, projects, and practice experiences

## 3 Personalized learning for career journeys

- Whether curious about tech or ready to build a career, learners can find their fit with introductory to advanced courses across foundational tech topics like cybersecurity, networking, IT infrastructure, programming, and data science
- Learners can choose the learning style right for them with flexible course delivery options (in-person, remote, and hybrid)
- Learning experiences tailored for each individual with just-in-time adaptive learning, coupled with game-based learning to make it fun!

# Career Path



## Courses Taken: Cybersecurity

- Introduction to Cybersecurity
- Cybersecurity Essentials
- Network Security
- CyberOps Associate

- Aware of physical, logical, and social aspects of security
- Business processes around security
  - Business Continuity Plans
  - Playbooks
  - Policies
- Able to harden network infrastructure against attacks

## Courses Taken: Others

- Linux Essentials
- Programming Essentials in Python

- Basic usage and administration of Linux systems
- Scheduling of scripts
- Thorough understanding of Python language
- (inc. Cybersecurity) tie in tools to monitor and report network

## Courses Taken: Networking

- CCNA: Introduction to Networks
- CCNA: Switching, Routing, and Wireless Essentials
- CCNA: Enterprise Networking, Security, & Automation
- Knowledge up to CCENT (similar to CCST)
- Able to configure and manage entire networks
- Understanding of how each appliance contributes to the network

# How NetAcad has benefited me



Prolonged, self-paced study



Mixture of reading, videos, labs for learning



Wide range of topic covered



Badges, certificates, and discounts for completion

# Usage in my role: Firefly

- Firefly is a network assurance automation for circuit outages
  - Automation entirely written in Python
  - Hosted on a Linux server
  - Used secure APIs and design practices
  - Digested data from NMS
  - Connected to and ran IOS commands on devices

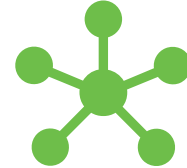
# The Importance of Networking



A network is anything that connects two or more things together



Without networking, nothing can communicate



Computing advancements rely on network foundations



