ACDS
ARKANSAS CENTER FOR DATA SCIENCES

IT Career Pathways

Learn More About IT Careers

- MyNextMove.org -
  - Explore the different career fields within IT including salary, job duties and more!

- What is a...
  - Data Analyst?
  - Developer?
  - Network Technician?
  - SOC Analyst?
  - IT Support Specialist?

- Which IT Career Path is right for Me?

Internship Opportunities

- 3-Month long paid opportunity to apply your technical training
- Professional mentors and projects to gain 'real world' experience
- Great launchpad into a full time Apprenticeship role!

Apprenticeship Opportunities

- Permanent position with competitive wages from day one!
- On-the-job training & knowledge from experienced peers & mentors.
- Apprenticeships is the "other college, without the debt" to build your career.

Online Training and Certification Programs

ReSkill Arkansas

- Career certificates offered in Programming, Data Analysis, Project Management, IT Support.

Arkansas Coding Academy

- Offers Coding bootcamps that are designed for the beginner to upskill quickly.

Reimagine Arkansas

- Designed to help you enter or thrive in the workplace by providing free, short-term, job training online.

Forge IT & Cyber Security Training

- Instructor-led education, hands-on training, and focused group discussions.

Skills to Launch

- Provides technical skills and soft skills training to individuals in a variety of trades.

NWACC Coding Bootcamp

- Offering data analytics, development and digital marketing bootcamps

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acds.co

ARDataSciences

Training Resources

DEVELOPER

Harvard Edx
- Free Introduction to Computer Science 12 week, self-paced course

MIT OpenCourseware
- Introduction to Computer Science and Programming
- A Gentle Introduction to Programming Using Python

This Dot Labs
- Free Events and Front End Group Meetups

Khan Academy
- Free videos and tutorials on JS, HTML, and SQL!

The Odin Project
- Teaches web development through project-based learning.

FreeCodeCamp
- The 10 Most Popular Coding Challenge Websites

Bring your Own Laptop
- Real world Adobe and UI/UX tutorials and resources

Givecamp NWA
- A non profit that focuses on serving other nonprofits with technology!

Hacker Rank
- Courses & certifications for specific programming languages

Udemy
- Mix of free & low-cost courses to build industry skills

SoloLearn
- Free courses for technical skills in programming & data analytics

DATA ANALYST

Microsoft Excel
- Microsoft Excel Video Training
- Alison Microsoft Excel 2019 Beginner Course

Alteryx Adapt Program -
- Resources and Community-supported data science and analytics skills as well as a 90-day Alteryx Designer license for FREE.

MIT Certified Data Scientist Courses
- CS and Programming using Python
- Computational Thinking and Data Science
- Probability
- Statistics
- Machine Learning with Python

Khan Intro to SQL Course

SQLZoo
- SQL exercises from beginner to more advanced

Datacamp
- Build your data skills online in data science and machine learning

Data Analytics Projects for Beginners

Kaggle
- Tutorials in Python, SQL, and Machine Learning

Access these links & more resources

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Training Resources

Network Support & Helpdesk

Open Book Project
- Intro to Information and Communication Technology
- Intro to Networking

CBT Nuggets Basic Networking Video Series

Alison The Internet and the World Wide Web

Alison Linux Unix Tools

Code Spaces - Top 10 IT Support and Help Desk Courses

Cybersecurity

Air Force Association's CyberPatriot
- National Youth Cyber Education Program

Cybrary -
- The Leading Cybersecurity Professional Development Platform

Alison Digital and Cyber Security Awareness

SANS Cyber Aces
- Free online security courses

2 Year Programs and Certifications

AAS = Associate of Applied Science
AS = Associate of Science
CP = Certificate of Proficiency
TC = Technical Certificate

Central Arkansas

UACCM - Morrilton
- Computer Information Systems Technology (AAS, CP & TC)
- Cybersecurity (CP & TC)

Pulaski Tech - North Little Rock
- Computer Networking (AAS & TC)
- Computer Programming (AAS, TC)
- Cybersecurity (AAS, CP & TC)

ASU - Beebe
- Computer Information Systems (AS)
- Computer Systems & Networking Technology (AAS)
- Computer Coding (AAS)
- Computer Fundamentals (CP)

North West Arkansas

NWACC - Bentonville
- Computer Programming (AAS)
- Information Management Application (AAS)
- Networking and Cybersecurity (AAS & TC)

North Arkansas College - Harrison
- Information Technologies (AS, AAS & TC)
- General Technology (AAS & TC)
- Cybersecurity (AS)
- Data Science (AS)
- Programming (TC)

North East Arkansas

ASU - Newport
- Computer Networking Technology (AAS & TC)
- Information Communication Technology (CP)

UACCB - Batesville
- Computer Technology
- Computer Programming (CP)
- Cybersecurity (TC)

Arkansas Northeastern College
- Computer Information Systems (CP & TC)

ASU Mid-South - West Memphis
- Computer Programming (AAS)

South Arkansas

UAHT - Texarkana
- **Coding (CP)**
- **Information Technology (TC)**

South Arkansas Community College- El Dorado
- Computer Information Technology (AAS & TC)
- Computer Technology (CP)
- Information Technology Support (CP)