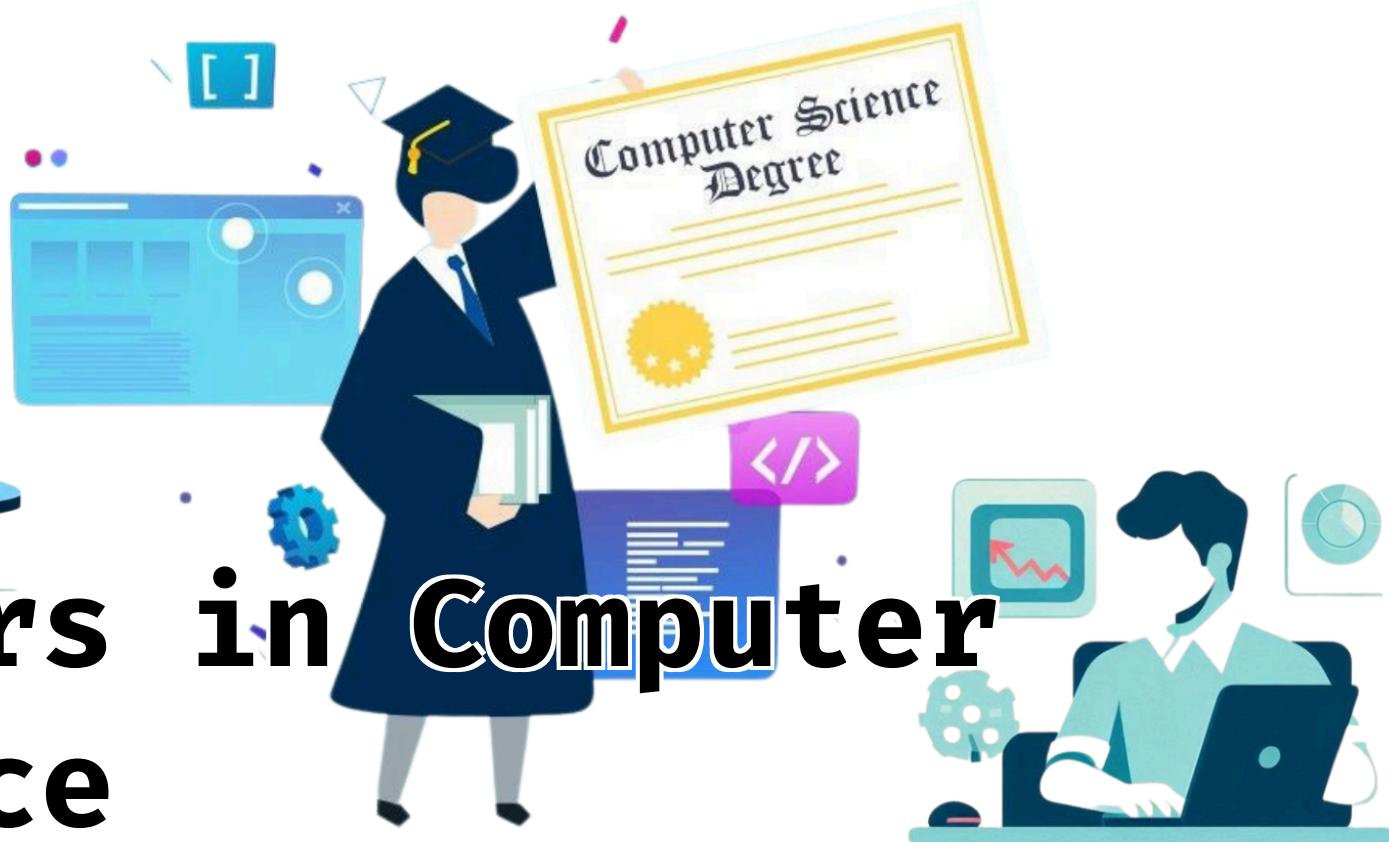


Group D



Careers in Computer Science

Understanding Your Path



CAREER PATH AND CHOOSING A PATH

- Meaning of Career
- Choosing a Path

Introduction to Careers Path

Hardware Based Field

- Tech Field

CHOOSING CAREER IN COMPUTER
SCIENCE FIELD IN MODERNIZED WORLD



Factors Influencing Careers in Computer Science Field

3 DEVELOPMENT

- Websites & WebApps
- Frontend / Backend / Full Stack

Overview of Software Development

MOBILE APP DEVELOPMENT
iOS & Android

GAME DEVELOPMENT
Cross-platform game development

ME DEVELOPMENT

- Interactive games
- Game Engines



Sills Needed for Software Development

DATA ANALYST

- Data Analyzation & Cleaning
- SQL & Visualization Tools

DATA ENGINEER

- Data pipeline management
Complex datasets and big data
- Programming skills

DATA SCIENTIST

- Statistics & ML
- Predictive Models



The Power of Statistical Analysis and Data Interpretation

BERSECURITY ANALYST

- Risk Mitigation
- Threat Response

ETRATION TESTER

- Simulates attack

Cybersecurity

A Thriving Career Path

BERSECURITY ENGINEER

- Infrastructure Design
- Solutions & Audits



Essential Skills for Cybersecurity

ARTIFICIAL INTELLIGENCE

- Natural Language Processing
- Computer Vision

EMERGING TECH OVERVIEW

Supervised/Unsupervised learning
• Reinforcement learning

INTERNET OF THINGS

- Connected devices
- Automation and control



The Power of Continuous Learning

E POWER OF INTERNSHIPS

Real-world experience
Networking opportunities

Fueling Your Career **E VALUE OF CERTIFICATIONS** with Experience and Industry recognition

E LIFELONG PURSUIT OF LEARNING

- Stay updated
- Skill development



Building Your Professional Network and Seeking Mentorship

Explore • Invest • Connect