CHARLOTTE WORKS

Occupation Skills Transferability Guide

This guide is designed to help job seekers coming from a specific occupation see potentially compatible alternative occupations. This is useful for those looking for a career change, looking for career growth, or those who are struggling to find employment in their previous occupation that want to explore additional options. Occupations listed will require varying levels of additional training, skills, and experience but provides a solid starting point to explore additional options or see what specific training opportuntites exist to help make these transitions. This guide is part of our series on skills-based career pathways shifting away from career navigation by industry towards an understanding of how individuals can navigate across multiple industries depending on their individual skill sets and experience.

2023 Edition

Computer Programmers
Charlotte MSA

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Overview		Education	
Median Hourly Earnings:	$45.62/hr	Master's Degree	0.5%
2021 Jobs:	1,454	Bachelor's Degree	88.0%
2021-2032 Change:	-32	Associate's Degree (or other 2-year degree)	9.0%
2021-2032 Estimated Annual Openings:	101	Some College Courses	2.5%

Compatible Occupations

O*NET Occupation	Median Hourly Earnings	2021 Jobs	2032 Expected Growth
Software Developers, Systems Software	$49.60	15,231	28.0%
Information Security Analysts	$48.50	3,597	25.0%
Data Warehousing Specialists	$42.53	1,628	21.4%
Software Quality Assurance Engineers and Testers	$42.53	1,628	21.4%
Database Architects	$42.53	1,628	21.4%
Web Administrators	$42.53	1,628	21.4%
Computer Systems Engineers/Architects	$42.53	1,628	21.4%
Video Game Designers	$42.53	1,628	21.4%
Web Developers	$35.20	2,306	14.2%
Social Science Research Assistants	$22.34	226	13.6%

Top 10 Competencies

Knowledge	Skill	Ability
Computers and Electronics	Programming	Information Ordering
Mathematics	Active Listening	Oral Comprehension
Engineering and Technology	Critical Thinking	Written Comprehension
English Language	Complex Problem Solving	Inductive Reasoning
Geography	Operations Analysis	Near Vision
Design	Systems Evaluation	Deductive Reasoning
Clerical	Reading Comprehension	Oral Expression
Customer and Personal Service	Quality Control Analysis	Problem Sensitivity
Education and Training	Speaking	Written Expression
Administration and Management	Judgment and Decision Making	Fluency of Ideas