Occupation Profile for Computer and Information Research Scientists in Denton County, TX

Personal Skills Table

The table below shows the personal skills that are most useful for Computer and Information Research Scientists.

Personal Skill	Skill Description	Rank by Importance (Out of 100)	Your Skills Match
Critical Thinking	Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.	75	0
Complex Problem Solving	Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.	75	0
Judgment and Decision Making	Considering the relative costs and benefits of potential actions to choose the most appropriate one.	75	0
Systems Analysis	Determining how a system should work and how changes in conditions, operations, and the environment will affect outcomes.	69	0
Reading Comprehension	Understanding written sentences and paragraphs in work related documents.	69	0
Active Listening	Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.	69	0
Systems Evaluation	Identifying measures or indicators of system performance and the actions needed to improve or correct performance, relative to the goals of the system.	66	0
Programming	Writing computer programs for various purposes.	66	0
Speaking	Talking to others to convey information effectively.	63	0
Active Learning	Understanding the implications of new information for both current and future problem-solving and decision-making.	63	0
Mathematics	Using mathematics to solve problems.	60	0
Writing	Communicating effectively in writing as appropriate for the needs of the audience.	60	0
Time Management	Managing one's own time and the time of others.	60	0
Science	Using scientific rules and methods to solve problems.	53	0
Monitoring	Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action.	53	0
Operations Analysis	Analyzing needs and product requirements to create a design.	53	0
Technology Design	Generating or adapting equipment and technology to serve user needs.	53	0
Learning Strategies	Selecting and using training/instructional methods and procedures appropriate for the situation when learning or teaching new things.	50	0
Instructing	Teaching others how to do something.	50	0
Social Perceptiveness	Being aware of others' reactions and understanding why they react as they do.	50	0
Coordination	Adjusting actions in relation to others' actions.	50	0
Management of Personnel Resources	Motivating, developing, and directing people as they work, identifying the best people for the job.	47	0
Persuasion	Persuading others to change their minds or behavior.	44	0

Personal Skill	Skill Description	Rank by Importance (Out of 100)	Your Skills Match
Service Orientation	Actively looking for ways to help people.	44	0
Operation Monitoring	Watching gauges, dials, or other indicators to make sure a machine is working properly.	41	0
Management of Financial Resources	Determining how money will be spent to get the work done, and accounting for these expenditures.	38	0
Negotiation	Bringing others together and trying to reconcile differences.	38	0
Quality Control Analysis	Conducting tests and inspections of products, services, or processes to evaluate quality or performance.	35	0
Troubleshooting	Determining causes of operating errors and deciding what to do about it.	35	0
Management of Material Resources	Obtaining and seeing to the appropriate use of equipment, facilities, and materials needed to do certain work.	31	0
Operation and Control	Controlling operations of equipment or systems.	25	0
Equipment Selection	Determining the kind of tools and equipment needed to do a job.	22	0
Equipment Maintenance	Performing routine maintenance on equipment and determining when and what kind of maintenance is needed.	3	0
Repairing	Repairing machines or systems using the needed tools.	3	0
Installation	Installing equipment, machines, wiring, or programs to meet specifications.	0	0

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