

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

Tasks Table

The table below shows the most common tasks required by Computer and Information Research Scientists in order of importance.

Tasks	Task Description	Rank by Importance (Out of 100)
Analyze problems to develop solutions involving computer hardware and software.	Core	81
Apply theoretical expertise and innovation to create or apply new technology, such as adapting principles for applying computers to new uses.	Core	72
Assign or schedule tasks to meet work priorities and goals.	Core	69
Meet with managers, vendors, and others to solicit cooperation and resolve problems.	Core	66
Design computers and the software that runs them.	Core	66
Conduct logical analyses of business, scientific, engineering, and other technical problems, formulating mathematical models of problems for solution by computers.	Core	65
Evaluate project plans and proposals to assess feasibility issues.	Core	62
Participate in multidisciplinary projects in areas such as virtual reality, human-computer interaction, or robotics.	Core	59
Consult with users, management, vendors, and technicians to determine computing needs and system requirements.	Core	59
Develop and interpret organizational goals, policies, and procedures.	Core	55
Develop performance standards, and evaluate work in light of established standards.	Core	54
Maintain network hardware and software, direct network security measures, and monitor networks to ensure availability to system users.	Supplemental	67
Direct daily operations of departments, coordinating project activities with other departments.	Supplemental	58
Participate in staffing decisions and direct training of subordinates.	Supplemental	49
Approve, prepare, monitor, and adjust operational budgets.	Supplemental	44

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