



USC University of
Southern California

Supv Computer Scientist, Senior Job Description

JOB INFORMATION

Job Code:	199415
Job Title:	Supv Computer Scientist, Senior
FLSA Status:	Exempt
Supervisory:	
Job Family:	Computer Science
Job Family Group:	Information Technology
Management Level:	6 Supervisor

JOB SUMMARY

Has responsibility for formulating and conducting research within a major research area. Develops funding and staff to accomplish those goals. Provides scientific and technical leadership. Establishes research directions of national importance. Provides administrative and budgetary management of a research division.

JOB QUALIFICATIONS:

Education

Req	Pref	Degree	Field of Study
X		Doctorate	
	X	Doctorate	

Additional Education

Check here if experience may substitute for some of the above education.

Combined experience/education as substitute for minimum education

Work Experience

Req	Pref	Work Experience	Experience Level
X		10 years	

Additional Work Experience

Check here if education may substitute for some of the above work experience.

Combined experience/education as substitute for minimum work experience

Knowledge, Skills and Abilities

Req	Pref	Functional Skills
X		Advanced degree in computer science or related discipline. Strong managerial skills. Demonstrated record of outstanding research contributions and experience in an area of computer science, proven technical proficiency, exceptional creativity, successful collaboration with others, and independent thought. Demonstrated reputation as an emerging leader in field with sustained performance and accomplishment. Demonstrated ability to conceptualize research directions, exert

Knowledge, Skills and Abilities

Req	Pref	Functional Skills
		technical leadership, communicate technical ideas, coordinate individual contributions to a research program, and present research plans and results in a manner that will elicit favorable funding actions.
	X	Nationally recognized reputation for excellence in area of expertise.

Other Job Factors

JOB ACCOUNTABILITIES

	% Time	Essential	Marginal	N/A
Oversees a major research area. Initiates innovative research programs of national significance. Establishes research directions. Directs, plans, and oversees research strategy.				
Develops funding sources and originates research proposals for the purpose of obtaining funding to support leading-edge research.				
Applies computer science principles and concepts in planning, coordinating, and executing research objectives. Contributes state-of-the-art technology and theories. May also manage technical development of a research group(s).				
Directly or indirectly supervises all staff assigned to research group, usually through subordinate managers and supervisors. Determines staffing needs based on goals and objectives of unit. Determines and/or recommends unit salary administration including raises, promotions and reclassifications. Approves/disapproves all work guidance actions within unit.				
Oversees budget and/or finances and other administrative requirements for the division's research projects. Works closely with project leaders to maintain a careful accounting of finances, and ensures research projects' budgets are maintained. Follows up with funding agencies to ensure funding and incrementals arrive on a timely basis.				
Serves as a resource for funding agencies and/or other organizations to provide requested or required financial information and reports and/or in matters of technological achievement in a given area.				
Reviews and prepares management reports for clients.				
Writes articles for publication.				
Makes presentations at conferences, participates in workshops and meetings, and collaborates in specific areas of research. Represents university and/or unit, as assigned or appropriate.				
Networks with professional counterparts inside and outside the university. Participates in professional associations to stay informed of new developments and technologies. Makes recommendations to senior management regarding technology changes based on developments in field and business needs.				
Develops and implements security related procedures such as office opening and closing routines, recognition of duress signals and key controls. Coordinates security activities with Department of Public Safety. Promotes and maintains standards for security conscious awareness and behavior. Maintains knowledge of university's crime prevention and suppression programs and services. Ensures dissemination of security related information to staff.				
Performs other related duties as assigned or requested. The university reserves the right to add or change duties at any time.				

Other Requirements

Essential:	Emergency Response/Recovery	Essential:	Mandated Reporter
	In the event of an emergency, the employee holding this position is required to "report to duty" in accordance with the university's Emergency Operations Plan and/or the employee's department's emergency response and/or recovery plans. Familiarity with those plans and regular training to implement those plans is required. During or immediately		A mandated reporter who in his or her professional capacity has knowledge of, or reasonably suspects a person who is under the age of 18 years, elderly, or a dependent adult has been the victim of abuse or neglect must report the suspected incident. The reporter must contact a designated agency immediately or as soon as practically possible by telephone or in writing within 36 hours. By virtue

Other Requirements

<i>Essential:</i>	<i>Emergency Response/Recovery</i>	<i>Essential:</i>	<i>Mandated Reporter</i>
	following an emergency, the employee will be notified to assist in the emergency response efforts, and mobilize other staff members if needed.		of the associated job duties, this position qualifies as a mandated reporter as required by state law and USC's policy at: https://policy.usc.edu/mandated-reporters/
<i>Campus Security Authority (CSA)</i>			<i>Essential:</i>
By virtue of the associated job duties, this position qualifies as a Campus Security Authority as required by law and USC's policy at: https://dps.usc.edu/alerts/clery/			No

ACKNOWLEDGMENTS

The above statements reflect the essential and non-essential functions as necessary to describe the principle contents of the job. They are not intended to be a complete statement of all work requirements or duties that may be required of the position. I understand that I may be asked to perform other duties as assigned. USC reserves the right to add or change duties at any time.

The University of Southern California is an Equal Opportunity Employer. USC prohibits discrimination on any basis protected under federal, state, or local law, regulation, or ordinance or university policies. All employment decisions are based on individual qualifications and business need.

I acknowledge receipt of this job description and its associated physical requirements. I have read and understand the job description and job requirements and agree to abide by their contents. I realize that duties may be requested of me that are not specifically stated herein. I understand that I will be expected to adjust to potential fluctuations in work volume. I understand that, if I have any questions about the essential functions or expectations of my position, my supervisor and/or HR partner are available to discuss them with me.

Print Employee Name

Signature

Date

Print Manager Name

Signature

Date

This job description describes the general nature and level of work required by the position. It is not intended to be an all-inclusive list of qualifications, skills, duties, responsibilities or working conditions of the job. The job description is subject to change with or without notice, and Management reserves the right to add, modify or remove any qualification or duty. Nothing in this job description changes the existing at-will employment relationship between the university and the employee occupying the position.