



# Tenure-line COMPUTATIONAL SCIENTIST

## *Department of Computer Science*

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### **POSITION SUMMARY**

The Department of Computer Science at Occidental College invites applications for a faculty position at the Assistant or Associate level in Computer Science. We seek a computer scientist with a strong interest in building Occidental's newly formed Computer Science major and who can contribute to its connections to other disciplines.

While all areas of computational science will be fully considered, we prefer candidates with research interests in hardware, software systems (such as operating systems, databases, and networking), computer graphics, data science/statistics, security, or another area not currently represented in the department. We especially welcome faculty interested in collaborating with the social sciences, the humanities, and the arts, and who may contribute to existing and developing partnerships with other departments such as Black Studies, Music, and Media Arts and Culture.

The department mission is to foster interdisciplinary interactions around computation for faculty and students; expose a diverse group of students and faculty to techniques and tools of computer science, including the benefits and ethical concerns in applications; support students and faculty in cutting-edge computational research; and build department activities around high impact practices such as student research, community-based learning, international experiences, peer mentorship, and interdisciplinary approaches to learning. We have a strong commitment to the idea that computer science should be accessible to all.

Occidental College is a nationally-ranked small liberal arts institution situated in Los Angeles. Occidental is located in the culturally-rich neighborhoods of Eagle Rock and Highland Park, near Caltech, the Jet Propulsion Laboratory, the Natural History Museum, and other major research institutions. The College is committed to academic excellence in a diverse community and supporting interdisciplinary and multicultural academic programs that provide a gifted and diverse group of students with an educational experience that prepares them for leadership in a pluralistic world. We therefore strongly encourage applications from candidates who will further Occidental's mission of excellence and equity in their teaching, scholarship, and/or service.

### **QUALIFICATIONS, DUTIES AND RESPONSIBILITIES**

Applicants should have a Ph.D. in Computer Science or a related computational field, and a strong commitment to educating undergraduates through teaching and research. The successful candidate is expected to:

1. teach introductory and advanced courses in computer science;
2. offer additional courses in computer science to enhance our current offerings;

3. develop a rigorous research program involving undergraduates;
4. advise students across the College who may be interested in computing;
5. teach in the freshman cultural studies program;
6. participate in regular service to the community, department, and the College.

### **APPLICATION INSTRUCTIONS**

Applicants should submit the following:

1. a cover letter detailing your interest in teaching in a liberal arts environment;
2. a statement of teaching philosophy that includes a discussion of your demonstrated commitment to, past evidence of, and future plans for creating equitable opportunities for learning and mentoring, especially for underrepresented students;
3. teaching evaluations, evidence of effective advising, or other data, if available;
4. a statement of research interests and experience, including how students will participate in and benefit from your research;
5. a curriculum vitae; *and*
6. three confidential letters of recommendation (request writers to send separately).

Electronic application materials should be addressed to Dr. Kathryn Leonard, Chair, Computer Science, and sent by email to [compsearch@oxy.edu](mailto:compsearch@oxy.edu). **Review of applications will begin on September 30, 2019.**

Occidental College is an Equal Opportunity Employer and does not unlawfully discriminate against employees or applicants on the basis of race, color, religion, sex, sexual orientation, gender identity, gender expression, pregnancy, breastfeeding or related medical condition, national origin, ancestry, citizenship, age, marital status, physical disability, mental disability, medical condition, genetic characteristic or information, military and veteran status, or any other characteristic protected by State or Federal Law.

*We strongly encourage all underrepresented candidates, especially women and persons of color, to apply.*

*Satisfactory completion of a background check is required as a condition of employment, but only as permitted by federal, state, and local law, including the City of Los Angeles Fair Chance Initiative for Hiring Ordinance.*

*We will consider for employment all qualified Applicants, including those with Criminal Histories, in a manner consistent with the requirements of applicable state and local laws, including the City of Los Angeles' Fair Chance Initiative for Hiring Ordinance.*