



VISITING ASSISTANT PROFESSOR

Computer Science/Statistics

POSITION SUMMARY

Occidental College seeks a Visiting Assistant Professor who will teach a 3/3 load during the 2023-2024 academic year, starting in August 2023. This is a full-time teaching position, although Visitors may choose to supervise undergraduate students in research projects related to their interests. Non-tenure-track faculty at Oxy are unionized, and this position comes with the possibility for renewal in future years. Members of minoritized groups in STEM are strongly encouraged to apply, and we welcome candidates from outside computer science, such as mathematics, statistics, data science, or informatics.

Occidental College serves a diverse body of students, a diversity reflected in the demographics of the computer science major and the enrollment in our courses. Many of our students have interests extending outside CS, and we especially welcome Visitors who can connect CS to other fields and non-academic applications. The department is committed to ethics and equity in CS, and has worked with students to create a Statement of Values (<https://tinyurl.com/oxy-cs-values>) and invest in the cultural competence of the community. We pledge to mentor and support non-tenure-track faculty for the liberal arts environment and prepare them for future career opportunities. Occidental additionally provides support for teaching through our Center for Teaching Excellence.

SUMMARY OF DUTIES, RESPONSIBILITIES AND GOALS

The visitor will teach:

- Both semesters: Statistics (3 unit load total). This course introduces a broad range of students to techniques in statistical analysis, including univariate and bivariate data, measurements of centrality and variance, uses of hypothesis testing and confidence intervals, and basic computational and mathematical tools for the same. Syllabus and materials will be provided. For more information, see the course catalog description at <https://oxy.smartcatalogiq.com/en/2021-2022/Catalog/Course-Descriptions/COMP-Computer-Science/100/COMP-146>.
- Both semesters: Data Structures (2 unit load total). This course builds on basic knowledge of object-oriented programming as distinct from procedural programming and teaches basis data structures, including linked lists, stacks, queues, trees, heaps, graphs, hash tables, sets. The catalog course description can be found here: <http://oxy.smartcatalogiq.com/2022-2023/Catalog/Course-Descriptions/COMP-Computer-Science/200/COMP-229>

- Fall semester: Upper-level Elective (1 unit total load). The visitor will teach (and develop, if necessary) these courses with input from the department. If the course is among the department's regular offerings, course materials from previous semesters will be provided. A list of our current elective offerings can be found in our course catalog: <https://oxy.smartcatalogiq.com/en/2021-2022/Catalog/Course-Descriptions/COMP-Computer-Science/>.

Depending on experience, one course equivalence during the first year may be given for developing a standardized and modernized introductory statistics course and providing training for another faculty in the revised curriculum.

This position is renewable for a maximum of five years.

QUALIFICATIONS

Applicants should have a Master's degree in computer science, statistics, mathematics, or related fields that intersect computation, with PhD and college-level teaching experience preferred.

SALARY RANGE

EXPECTED SALARY RANGE: \$57,200-\$75,000

If you are offered this position at Occidental College, your final base salary compensation will be determined based on factors such as skills, education, experience, and/or geographic location. In addition to those factors, Occidental complies with applicable pay equity laws and considers internal equity among current employees when developing the final offer. Please keep in mind that the range mentioned above is the base salary range for the role. Hiring at the maximum of the range would not be typical in order to allow for future and continued salary growth.

APPLICATION INSTRUCTIONS

Applicants should submit their application via email to the Chair of Computer Science, Justin Li, at compsearch@oxy.edu, with the subject "Computer Science Visitor Application." The application should include:

- a curriculum vitae;
- a statement of teaching interests and experience (maximum two pages);
- (optional) a research statement that includes possible projects for undergraduates (maximum one page); and
- a list of three references (they will only be contacted after the interview stage)

Review of applications will begin **June 18** and will continue until the position is filled. References will not be contacted for candidates until interviews are scheduled. Please direct all questions about the position to Justin Li at compsearch@oxy.edu.

ADDITIONAL INFORMATION

Occidental 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. Occidental is strongly committed to increasing the diversity of the campus community and the curriculum, and to fostering an inclusive, equitable, and just environment within which students, staff, administrators, and faculty thrive. Candidates who can contribute to this goal through their work are encouraged to identify their strengths and experiences in this area. Individuals advancing the College's strategic equity and justice goals and those from groups that are underrepresented in the field are particularly encouraged to apply.

Salary is commensurate with experience and qualifications. A comprehensive benefits package is available that includes: excellent health, dental, life, and retirement benefits; tuition benefits for the employee, spouse, domestic partner, and dependents; additional extras including use of gym facilities and the College Library. For a detailed description of benefits, please visit <https://www.oxy.edu/offices-services/human-resources/benefits-information>.

All qualified applicants will be considered for employment, 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.

Occidental College is committed to working with and providing reasonable accommodations to applicants with qualifying disabilities. If you need a reasonable accommodation because of a disability for any part of the application or employment process, please contact Human Resources (hr@oxy.edu).

As a condition of hire for a staff position and for appointment to a faculty position, Occidental College requires that all candidates who have received a conditional offer of employment complete an application form (if they have not already done so) and consent to a background check. Satisfactory completion of a background check, along with pre-employment verifications and references are 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.