Visiting Assistant Professor
Computer Science

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Occidental College seeks two Visiting Assistant Professors who will teach a 3/3 load during the 2022-2023 academic year, starting in August 2022. This is a full-time teaching position, although Visitors may choose to supervise undergraduate students in research projects related to their interests. This is a benefits-eligible position within the nontenure track faculty's union, SIEU Local 721, and comes with the possibility for renewal in future years. Women and persons of color are strongly encouraged to apply, and we welcome candidates from related fields 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-csvalues) 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.

The two Visitor positions are responsible for different courses. The first position will teach:

- Both semesters: Advanced Programming (2 unit load total). This course offers additional programming practice for students who have some computer science experience, but do not yet feel comfortable tackling Data Structures or other advanced courses. Topics include object-oriented programming, design patterns, test-driven development, and writing maintainable code. Syllabus and materials will be provided. For more information, see the course catalog description at https://oxy.smartcatalogiq.com/en/2021-2022/Catalog/CourseDescriptions/COMP-Computer-Science/100/COMP-181.

- Both semesters: Data Structures (2 unit load total). This course is the second and final course in our introductory sequences, and introduces students to pointers, complexity (big-O), and standard data structures and algorithms such as lists, trees, graphs, breadth- and depth-first search, recursion, and dynamic programming. 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-ComputerScience/200/COMP-229.

- Both semesters: Upper-level Electives (two electives of the Visitor's choosing across two semesters, for a 2 unit load total). 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/.

The second position 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-ComputerScience/100/COMP-146.

- Both semesters: Upper-level Electives (three electives of the Visitor's choosing across two semesters, for a 3 unit load total). 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/.

QUALIFICATIONS

Applicants should have a Master's degree in computer science, computer science education, or related fields that intersect computation, with PhD and college-level teaching experience preferred. Note that candidates with only a Master's degree will be hired as Visiting Instructors and not as Visiting Assistant Professors.

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 state which of the two Visitor positions (or both) the application is interested in, and 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 April 26 and 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, 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.

The salary range for this position is $70,000-79,000, and includes a comprehensive benefits package that contains: 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. This is an in-person position with the possibility of occasional remote work.

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 preemployment 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.