

# Assistant Teaching Professor - Data and Computation in CE - Civil and Environmental Engineering

Job #JPF03289

- Civil & Environ Engineer / College of Engineering / UC Berkeley

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## POSITION OVERVIEW

**Position title:** Lecturer with (Possibility) of Security of Employment (LPSOE)

**Anticipated start:** July 1, 2022

## APPLICATION WINDOW

Open December 16th, 2021 through Tuesday, Feb 1, 2022 at 11:59pm (Pacific Time)

## POSITION DESCRIPTION

The Department of Civil and Environmental Engineering at the University of California, Berkeley invites applications for a Teaching Professor position to contribute to the transformation of the Department's curriculum by integrating innovative tools and emerging themes related to CEE. Hiring will be at the Assistant Teaching Professor level with security-of-employment granted upon promotion to Associate Teaching Professor.

Civil and Environmental Engineering at UC Berkeley is educating leaders to address the most complex and significant societal-scale challenges, including infrastructure renewal, climate change mitigation and adaptation, and the engineering of sustainable, resilient, just, and equitable systems. The discipline is evolving to take on these forward-looking challenges while making use of modern computational tools and data science methodologies. The education of future engineers must match this perspective.

Berkeley CEE is looking for a faculty member to strongly contribute to the Department's efforts to transform its curricula to help meet these societal challenges and by leveraging the emergence of new approaches and tools to address them. We seek candidates who will contribute to teaching and curricular development from the lower-division undergraduate level to the graduate level. We are particularly interested in candidates who will develop and teach cross-cutting foundational courses in Computation and Data Science in the context of Civil and Environmental Engineering.

Teaching-track faculty are educational professionals who combine institutional excellence with professional and/or scholarly achievement and activity, including creative activity, especially as they relate to instruction and pedagogy. Teaching Professors in the University of California system hold the payroll title of Lecturer with Security of Employment, or LSOE. LSOEs in the UC system have full faculty privileges and are members of the academic senate.

Diversity, equity, and inclusion are core values in the College of Engineering. Our excellence can only be fully realized by faculty, students, and staff who share our commitment to these values. Successful candidates for our faculty positions will demonstrate evidence of a commitment to equity and inclusion. Financial and in-kind resources are available to pursue activities that help accelerate our efforts to achieve our equity and inclusion goals, with the full backing of the College. Examples of ongoing programming at the College are available at <https://engineering.berkeley.edu/diversity>.

The University is committed to addressing the family needs of faculty, including those of dual career couples and single parents. For information about potential relocation to Berkeley, or career needs of accompanying partners and spouses, please visit <https://ofew.berkeley.edu/new-faculty>.

**Department:** <https://ce.berkeley.edu>

## QUALIFICATIONS

**Basic qualifications** (required at time of application)

PhD (or equivalent international degree) or enrolled in a PhD (or equivalent international degree) granting program at the time of application.

## APPLICATION REQUIREMENTS

**Document requirements**

- Curriculum Vitae - Your most recently updated C.V.
- Statement of Classroom Teaching and Mentoring - This statement should describe your approach to classroom instruction, including those approaches that promote inclusive classroom environments and working with students in a one-on-one setting. Please include discussion of your relevant

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experience and expertise and address how your pedagogical approach supports equity and inclusion in the classroom.

- Statement of Curricular Vision - This statement should take a broader view of instruction and describe your vision of courses that bring the power of data science and computation into the curriculum in Civil and Environmental Engineering. Please include discussion of your relevant experience and expertise and how the proposed curriculum would support students of diverse backgrounds and create an inclusive environment for CEE's undergraduate and graduate programs.
- Teaching Evaluations

### Reference requirements

- 3 required (contact information only)

Letters will be sought from those applicants who advance in the search.

**Apply link:** <https://aprecruit.berkeley.edu/JPF03289>

**Help contact:** [jobs@ce.berkeley.edu](mailto:jobs@ce.berkeley.edu)

## CAMPUS INFORMATION

Diversity, equity, inclusion, and belonging are core values at UC Berkeley. Our excellence can only be fully realized by faculty, students, and academic and non-academic staff who share our commitment to these values. Successful candidates for our academic positions will demonstrate evidence of a commitment to advancing equity, inclusion, and belonging.

The University of California, Berkeley is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy see: <http://policy.ucop.edu/doc/4000376/NondiscrimAffirmAct>

In searches when letters of reference are required all letters will be treated as confidential per University of California policy and California state law. Please refer potential referees, including when letters are provided via a third party (i.e., dossier service or career center), to the UC Berkeley statement of confidentiality (<http://apo.berkeley.edu/ucb-confidentiality-policy>) prior to submitting their letter.

As a condition of employment, you will be required to comply with the University of California SARS-CoV-2 (COVID-19) Vaccination Program Policy [https://policy.ucop.edu/doc/5000695/SARS-CoV-2\\_Covid-19](https://policy.ucop.edu/doc/5000695/SARS-CoV-2_Covid-19). All Covered Individuals under the policy must provide proof of Full Vaccination or, if applicable, submit a request for Exception (based on Medical Exemption, Disability, and/or Religious Objection) or Deferral (based on pregnancy) no later than the applicable deadline. For new University of California employees, the applicable deadline is eight weeks after their first date of employment. (Capitalized terms in this paragraph are defined in the policy.)

## JOB LOCATION

Berkeley, CA