POSITION OVERVIEW

Position title: Junior/Assistant Specialist
Salary range: Salary will be commensurate with qualifications and experience and based on UC Berkeley Specialist salary scale.
Percent time: 100%
Anticipated start: Spring of 2021
Position duration: One year with the possibility of extension based on performance and availability of funding.

APPLICATION WINDOW

Open date: March 25th, 2021
Next review date: Thursday, Apr 8, 2021 at 11:59pm (Pacific Time)
Apply by this date to ensure full consideration by the committee.
Final date: Friday, Apr 30, 2021 at 11:59pm (Pacific Time)
Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

POSITION DESCRIPTION

The Department of Environmental Science, Policy & Management at the University of California, Berkeley seeks applications for a Junior/Assistant Specialist in the research group of Professor X, in the area of computational statistics.

This position will contribute to the computational statistics software project NIMBLE (r-nimble.org). NIMBLE is a hierarchical statistical modeling package for methods such as Markov chain Monte Carlo, particle filtering, and Laplace approximation that are used in many fields of application, including environmental science, public health, education, and others. NIMBLE uses R and C++, including a compilation system that generates C++ from R. This position will contribute to programming in R and C++ to improve and extend NIMBLE’s features.

Responsibilities will include:
• participating in identifying emerging computational methods relevant to Markov chain Monte Carlo and other algorithms.
• understanding new design and implementation goals and executing them in R and C++.
• writing unit tests for new features.
• conducting benchmarks of computational performance.
• contributing to documentation.
• communicating well with project PIs and other collaborators.
• contributing to peer-reviewed publications based on new software advances.

This position provides full benefits.

This position is covered by the UC-UAW collective bargaining agreement for Academic Researchers. The current contract can be found here: https://ucnet.universityofcalifornia.edu/labor/bargaining-units/ra/index.html. Additional information can be found on the website: http://academicresearchersunited.org/.

The department is interested in candidates who will contribute to advancing diversity, equity, inclusion, and belonging.

QUALIFICATIONS

Basic qualifications (required at time of application)
Bachelor’s Degree or equivalent international degree or enrolled in a Bachelor’s Degree or equivalent international degree program.

Additional qualifications (required at time of start)
Bachelor’s Degree or equivalent international degree.
Preferred qualifications

- Experience with R and C++ programming
- Experience with open-source software development

APPLICATION REQUIREMENTS

Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter

Reference requirements

- 3 required (contact information only)

Letters of reference may be solicited for finalists. We will seek your permission before contacting your references.

Apply link: https://aprecruit.berkeley.edu:31006/JPF00072
Help contact: oskibear@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.

JOB LOCATION

Berkeley, CA