

UNIVERSITY OF CALIFORNIA, SANTA CRUZ

TECHNOLOGY AND INFORMATION MANAGEMENT

Specialist Information Retrieval

Applications are invited for a part time (60%) Specialist position focused on the next generation of personalized Search and Recommender Systems in the Information Retrieval and Knowledge Management Lab at [Technology and Information Management Program](#) in the Baskin School of Engineering. Under the direction of the principal investigator, the selected candidate will join a well-funded research program focused on the development and testing of retrieval and recommendation engine based on natural language processing and large scale machine learning algorithms. The individual's primary responsibilities will involve: analysis, design algorithms and systems for developing the engine.

A high level of expertise is required in search engine technologies, natural language processing, machine learning. The successful candidate will be highly motivated, self directed, have a strong work ethic, keep regular hours, and work well with others. The candidate will be expected to design their own experiments, keep complete and accurate records in laboratory notebooks, provide written reports of their work, and be able to trouble-shoot technical and research problems. Good writing skills and experience writing scientific reports using standard software including Microsoft Word, Excel, Latex and PowerPoint is required. Experience with open source software and databases such as mahout, hadoop, apache, and mysql is desirable.

RANK: Assistant Specialist, Step 1 – Full Specialist Step 2

SALARY: \$38,952 – \$68,748 (60% time) commensurate with qualifications and experience

MINIMUM QUALIFICATIONS: An undergraduate science degree and five years of relevant lab experience, or a Ph.D. and two years of industry experience in search engine companies or related area. Evidence of scientific accomplishment in a relevant area, such as information retrieval, natural language processing and machine learning, is required. The successful candidate will be expected to work as part of a multidisciplinary research team. Excellent communication and organizational skills are required.

TERM OF APPOINTMENT: Initial appointment is for one year. Should the hiring unit propose reappointment, a review to assess performance will be conducted. In addition, reappointment is contingent upon availability of funding.

START DATE: As soon as possible after closing date

TO APPLY: Applicants should send curriculum vitae and provide a listing of at least 2 references that can provide letters of recommendation. **We strongly encourage electronic submission of materials.** Inquiries, applications and letters may be sent to spabst@soe.ucsc.edu.

Alternate mailing address:

Siubhan Pabst
Baskin School of Engineering
University of California – MS: SOE3
1156 High Street
Santa Cruz, CA 95064

Please refer to position #T10-XX in your reply.

CLOSING DATE: Position is open until filled. Initial review of applications will begin on **30 days from posting date.**

The University of California, Santa Cruz is an Affirmative Action/Equal Employment Opportunity Employer, committed to excellence through diversity. We strive to establish a climate that welcomes, celebrates, and promotes respect for the contributions of all students and employees.

Inquiries regarding the University's equal employment opportunity policies may be directed to: Equal Employment Opportunity/Affirmative Action Office at the University of California, Santa Cruz, CA 95064; (831) 459-2686. Under Federal law, the University of California may employ only individuals who are legally able to work in the United States as established by providing documents as specified in the Immigration Reform and Control Act of 1986. Certain UCSC positions funded by federal contracts or sub-contracts require the selected candidate to pass an E-Verify check. More information is available [here](#) or from the Academic Personnel Office at (831) 459-4300.

If you need assistance due to a disability please contact the Academic Personnel Office at 499 Clark Kerr Hall (831) 459-4300. This position description is available in alternate formats, which may be requested from Academic Personnel at (831) 459-4300.

VISIT THE APO WEB SITE <http://apo.ucsc.edu>