Two Postdoctoral Positions at the Graduate School of Management at the University of California, Davis.

The Graduate School of Management at the University of California, Davis is now accepting applications for two post-doctoral scholar positions in the area of business analytics. The appointment is for two years with the option of renewal for a third year. The postdoctoral scholars will report to the faculty director of the Masters of Science in Business Analytics program (MSBA, see https://gsm.ucdavis.edu/msba).

Job Description

The positions seek recent PhD graduates who have interests in advancing research by applying data science to business domains. The successful candidates will join an active group of researchers spanning multiple disciplines and projects in consumer behavior, information systems, operations research, organizational behavior and marketing. The candidates will also receive regular mentorship and training from the faculty, and will be encouraged to disseminate research findings in major conferences and publish in top-tier peer-reviewed publications.

A light teaching load will also be part of the position. Successful candidates should exhibit an interest in teaching business school students in the MSBA program. Examples of courses could include data management, data design and representation, data visualization, statistics and machine learning. The candidates will also occasionally assist the students in a quantitative and computing capacity.

Qualifications

The ideal candidate for the first position requires a core competency in data science (e.g., data-mining, big-data technologies) and machine learning. Familiarity with cloud technologies, statistics and econometrics is an added benefit.

The ideal candidate for the second position requires a core-competency in optimization (including stochastic optimization), statistics and econometrics.

Both candidates should exhibit excellent programming skills (Python and R, among others), have experience with different forms of data (e.g., text, video, image) and have some knowledge of SQL/NoSQL and visualization tools. Familiarity with AWS or similar cloud technologies will be a plus.

Candidates must also possess good communication and writing skills to interact with several stakeholders including academics, industry practitioners and students.

Candidates should have a PhD from an accredited institution. Preferred concentrations include operations research, information systems, industrial engineering, applied mathematics/statistics, economics, computer science or similar data science related disciplines.

Application Details

To apply, interested candidates should forward their curriculum vitae along with the names of two references, transcript, Github repository (if available) and up to two representative writing samples (journal paper, conference paper, or thesis chapter) to mlvasquez@ucdavis.edu. Review of applications will begin immediately and the positions will remain open until filled (preferred start date is July 1, 2018).