A Ph.D. Student with Full Financial Support

A National Science Foundation (NSF) funded project has one research assistantship (RA) position for a qualified student who will pursue a Ph.D. degree of Computational Science (http://www.csrc.sdsu.edu/doctoral.html) at the San Diego State University (SDSU) in Fall 2019 semester. This is a joint Ph.D. program between SDSU and University of California, Irvine (UC Irvine). The goal of the project is to develop a new persistent file system that is completely decoupled from the conventional DRAM-based volatile main memory. The research assistantship will start in the August 2019.

Basic Requirements:
1. A Bachelor degree in Computer Science, Computer Engineering, Software Engineering, or closely related areas
2. A solid background in operating systems (Linux/Unix)
3. Programming skills in C/C++
4. TOEFL score should be at least 80
5. GRE (general) is required
6. Undergraduate GPA (Grade Point Average) should be at least 3.0 on a 4.0 scale

Advanced Requirements:
1. A Master degree in Computer Science, Computer Engineering, or closely related areas
2. Background in computer systems; and/or a few years working experience in C language
3. Interest in experimental computer system research

Detailed Information:
- You need to take courses at UC Irvine for one year. UC Irvine is located in Irvine, which is about 80-minute driving from San Diego;
- Your diploma will be stamped by both SDSU and UC Irvine. Although your degree will be Computational Science, your research is computer science and your publication will be in computer science too;
- Your tuition will be paid by SDSU&UCI and you will receive stipend ($22,000 per calendar year) if you are selected. The application deadline is 15 December 2018. This program only accepts Ph.D. students in Fall semesters.

Preference will be given to students with a **Master** degree in Computer Science, Computer Engineering, Software Engineering, or closely related fields. So far all Ph.D. students graduated from Dr. Xie's CASL (Computer Architecture and System Lab) joined leading storage companies (e.g., SanDisk, NetApp, Western Digital, etc.) in Silicon Valley right after their graduation. Interested candidates please send a statement of research interests (no more than 2 pages), CV, and photocopies of GRE (general), TOEFL, transcripts, and diplomas to Dr. Tao Xie at txie@sdsu.edu. Detailed information about Dr. Xie's CASL (Computer Architecture and System Lab) can be found at http://casl.sdsu.edu/.