Research positions at National University of Singapore in Automated Program Repair

Enquiries are requested in the group of [Prof. Abhik Roychoudhury](#) at the National University of Singapore (NUS) for pursuing research in automated program repair. At this point, we are looking to fill up two research positions in Automated Program Repair.

- - 1 PhD student
- - 1 Post-doctoral research fellow

Automated Program Repair is a key emerging research direction in software engineering and security - which aims to automatically patch software vulnerabilities.

The current research focus of the NUS group is in semantic techniques for program repair, as well as techniques to improve reliability of patches in search based program repair. Details are available in the following website

http://www.comp.nus.edu.sg/~abhik/projects/Repair/index.html

In the next stage of research in this topic, we will be studying specific applications of program repair, including its usage in self-healing systems.

NUS is one of the top universities in the world, which is consistently ranked in top 10 in Computer Science, see the latest [Times Higher Education Ranking](#), and [QS ranking](#).

Enquiry Procedure

Interested candidates are encouraged to enquire by email at abhik@comp.nus.edu.sg with CC to jesslyn@nus.edu.sg with their CV. More details will be shared via discussions with interested candidates. Candidates applying for the post-doctoral research fellow position, should have a strong and relevant publication record during their PhD. All candidates should have strong articulation and communication skills for working in a larger research team.