Recruiting Research Engineers and Postdoctoral Fellows







- **Debin Gao**: Associate Professor at SMU, expert in software and mobile security
- David Lo: Associate Professor at SMU, expert in software engineering and machine learning
- Daoyuan Wu: Research Assistant Professor (PI) at CUHK, expert in mobile and code security



• We are looking for multiple motivated research engineers and postdoc fellows to join us in government-funded research projects inter-connecting the areas of mobile security, software security, and machine learning.



- Salary: 48K+ SGD (24W+ RMB) for REs and 66K+ SGD (33W+ RMB) for postdocs per year
- Criteria: field-relevant Bachelor/Master degree for REs and PhD degree for postdocs
- Requirement: self-motivated, strong system/hacking/ML skills, and relevant experience
- Location: SMU, Singapore. Duration: 12 30 months, renewable upon the completion

Please send your intro email (with CV) to the following contacts. Also see next page!!!

Daoyuan WU (dywu@ie.cuhk.edu.hk) David LO (davidlo@smu.edu.sg) Debin GAO (dbgao@smu.edu.sg) Page 1 of 2

Intended Research Directions for You to Choose

We will give you *unique ideas* in the following directions, work *closely* with you from coding to writing, and train you to be an *independent* researcher.

Mobile Security

- Static and dynamic analysis of Android applications
- Secure Android application development
- Led mainly by Daoyuan Wu and Debin Gao

Software Security

- Analyzing optimized binary executables on the x86-64
- Binary rewriting of executables for enhanced security
- Led mainly by Debin Gao

Machine Learning

- Application of machine learning models for automatic software analysis and security study
- Led mainly by David Lo and Debin Gao

In your email sent to us, please also indicate **which direction** you want to work on and **briefly** state why you could do good research in that direction.