Recruiting Oversea PhD Students in Cyber Security

- **Daoyuan Wu** is currently a Research Assistant Professor (RAP) in the Department of Information Engineering at the Chinese University of Hong Kong (CUHK).
  - He is leading the Vulnerability and Privacy Research (VPR) Lab, with 1 PhD + 4 MSc students

- CUHK currently supports to admit overseas (non-mainland/HK) PhD students who will be fully funded by the university at **HK$199,920 per year** (four years).
  - The intended students should have good academic background and the highest degree schools within the top 200 in the QS or THE ranking lists.

- He is looking for good **candidates in cyber security** who can apply by 31 Jan 2020.
  - Areas: mobile security | blockchain and smart contract | Internet privacy measurement.
  - Requirement: self-motivated, strong hacking/system/machine learning skills, and pass the university requirement (Bachelor/Master degree, good GPA, and TOEFL/IETLS if needed).

Send your intro email (with CV) to [dywu@ie.cuhk.edu.hk](mailto:dywu@ie.cuhk.edu.hk). Also see next page!!!

Intended Research Areas for You to Choose

I will give you unique ideas in my following major areas, work closely with you from coding to writing, and train you to be an independent researcher.

Mobile Security
- Static analysis that advances FlowDroid and Amandroid
- Crowdsourcing to study the security of apps’ net traffic
- On-device or network-side fuzzing to test 4G/5G network security

Blockchain & Smart Contract
- Blockchain vulnerability analysis and security applications [we have 1 PhD + 1 MSc students currently working on this area]
- Static/dynamic analysis of smart contract bytecode [e.g., Oyente in CCS’16, Sereum in NDSS’18]

Privacy Measurement
- I believe that privacy issue will be a general form of vulnerability in the long run.
- You will leverage Internet measurement to study privacy leakage in the wild [e.g., NDSS19_GithubLeak]

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