

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. Also see next page!!!

More info: http://www.ie.cuhk.edu.hk/programmes/phd_admission.shtml and <https://daoyuan14.github.io/>

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.