

Opportunity for Cutting-edge Research in Block Chain Security for Postdocs

The Singapore University of Technology and Design (SUTD) seeks to fill six post-doctoral positions in the area of cyber security for the Project BCS-T: Testing for Block Chain Security by Design. Selected candidates will have a unique opportunity to work closely with the developers of Ethereum and an international team of researchers located in Singapore and the Netherlands (TNO and TU Delft). The primary focus of BCS-T is to develop foundations for a systematic approach to identify and mitigate the security risks of block chain technology in general, and smart contracts in particular.

The project results will be validated using case studies, where block chain technologies, such as HyperLedger and Ethereum, are deployed in IoT and FinTech applications. This offers researchers a unique opportunity to conduct cutting-edge research and validate it in a realistic setting. Collaboration with several private and Government agencies in Singapore and abroad increases the chances of technology transfer and hence the research impact.

Selected candidates will be expected to join ASAP, but later joining dates could be negotiated. Qualifications for different positions follow:

We seek postdocs with a background in:
mathematics, economics, or game theory,
software engineering, distributed systems, networking, financial engineering, or additive manufacturing,
software engineering, formal methods, programming languages, software security, or software testing.

Strong candidates with background in other (related) areas will also be considered. SUTD offers internationally competitive salaries, medical and other benefits. All positions are for up to two years and could be negotiated.

How to Apply

Interested persons must send an up-to-date curriculum vitae to Pawel Szalachowski, email: pawel@sutd.edu.sg