

Tallinn University of Technology

**Foundations of Cyber Security**

**BLOCKCHAIN**

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## Documentation

To find the shortest SHA-256 hash (starting with highest number of zeros) I created a small code. The main idea of the code is that 32 characters long hex format string is randomly generated. Then using the web site [1] SHA-256 hash is generated. Program does it until suitable hash is found. So the results depends on spent time.

Current hash was found after running the code approximately 12 hours.

Source code is available here:

<https://github.com/niojam/hashMaker/blob/master/Generate.java>

## References

[1] „Convert text to sha256 “Available: <https://timestampgenerator.com/tools/sha256-generator>. [Used 16.02.2019].