




Emrah Sariboz

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🐙 <https://github.com/emrahsariboz>

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Employment History


- 2019 –  **Research Assistant**, New Mexico State University.
Working on security, privacy, and scalability of blockchains, concentrating on Ethereum.
- 2016 – 2019  **Teaching Assistant**, Sam Houston State University.
Taught Java programming, restated classes and worked on labs of data mining, graduate algorithm design and analysis, undergraduate programming fundamentals I and II.
- 2016 – 2017  **Research Assistant**, Sam Houston State University.
Worked on browser forensics, revealed new means to obtain evidence from top browsers on Android devices.

Education





- 2019 –  **Ph.D. : Computer Science, New Mexico State University**
- 2017 – 2019  **M.Sc. : Computer And Information Science, Sam Houston State University**
Thesis title: *Spherical and stochastic co-clustering algorithms*.

Research



Conference Proceedings

- 1 Sariboz, E., Kolachala, K., Panwar, G., Vishwanathan, R., & Misra, S. (2021). Off-chain execution and verification of computationally intensive smart contracts. In *2021 ieee international conference on blockchain and cryptocurrency (icbc)* (pp. 1–3).  doi:10.1109/ICBC51069.2021.9461142
- 2 Sariboz, E., Panwar, G., Vishwanathan, R., & Misra, S. (2021). First: FrontrunnIng Resilient Smart conTraCts. *In progress, available upon request*.
- 3 Sariboz, E. (2019). Spherical and stochastic co-clustering algorithms.

Skills

- Coding  Go, Solidity, Python, Java, SQL
- Tools  Familiarity in Ganache, GETH, AWS (EC2, Lambda, S3)
- Web Dev  HTML, CSS, JavaScript
- Misc.  Academic research and teaching

Awards and Achievements

- 2015  **Scholarship**: Computer science department of Sam Houston State University (2015-2019)
- 2017  **Research Funding**: “Acquisition of browser artifacts from android devices” paper granted 1200\$ by SHSU.