



# KEYVANARASTEH

CYBERSECURITY RESEARCHER, FULL STACK DEVELOPER

Birthdate: 04<sup>th</sup> April 1992  
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## PROFILES

	<a href="#">ResearchGate</a>		<a href="#">GitHub</a>		<a href="#">LinkedIn</a>		<a href="#">Stack overflow</a>
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## RESEARCH \ JOURNAL PAPERS

2020 B. Arasteh, R. Sadegi, K. Arasteh, "Bölen: Software Module Clustering Method using the Combination of Shuffled Frog Leaping and Genetic Algorithm", Emerald JCR journal of Data Technologies and Applications, **Accepted and online published**, November, 2020.

2020 B. Arasteh, R. Sadegi, K. Arasteh, "ARAZ: Software Modules Clustering Method using the Combination of Particle Swarm Optimization and Genetic Algorithms", Intelligent Decision Technologies: An International Journal, ISI Web of science, **Accepted and online published**, Sep 2020.

## RESEARCH \ CONFERENCE PAPERS

2019 B. Arasteh, K. Arasteh, M. Forughifar, "A Two Phase Method to Predict the Software Faults using Self-organizing Map and Support-Vector Machine Algorithms", 5th Conference on Distributed Computing and Big Data Processing, **Accepted and published**, November 2019.

2011 B. Arasteh, Asger A. Buier, Mohammad J. Hosseini, K. Arasteh, "A reliable architecture for grid resource management system with low degree of redundancy and overhead", 2<sup>nd</sup> World Conference on Information Technology, **Accepted and published**, November 2011.

## SUMMARY

An individual who's spent half of his waking life in front of computers since he turned eight, capable of completing any kind of a task that can be achieved in the world of "software," not to mention his actively creative mind.

## INTERESTED TOPICS

Software Development, Cybersecurity, Penetration, Exploits, Software bugs Programming Languages, Challenges on all topics working with 0/1

## LANGUAGES

Azerbaijani	Persian
★★★★★	★★★★★
Turkish	English
★★★★☆	★★★★☆

## EDUCATION

- Middle school** Sep 2003 – June 2006  
Ghods magnet school Tabriz, Iran  
Special for talented students + entrance exam
- High school** Sep 2006 – June 2010  
SAMPAD (Shahid Madani) Tabriz, Iran  
Special for talented students + entrance exam
- Bachelor's degree** Sep 2010 – June 2016  
Tabriz University Tabriz, Iran  
Computer Engineering (IT)
- Master's degree** Sep 2016 – Feb 2020  
Islamic Azad University Tabriz, Iran  
Computer Engineering (Software)

## PROJECTS

- Dark-web crawler, PasteBin crawler**
  - Back-end Development:  
*Node.JS, Python, MySQL*
  - Client-side Development:  
*Xamarin, PHP, MySQL, SQLite*  
(*Android, iOS, Web*)
  - Usages:  
*Detect **data-leak** contents*  
*Detect **security bugs** and **exploits***  
*Detect **keyword-based** contents*
- Telegram Reverse Engineering**
  - Target: Telegram Desktop  
*QT (C++)*
  - Usages  
*Detect Telegram **limits** for API*  
*User-based actions **automation***  
*Check **Vulnerabilities***  
***Bulk Message** platform*
- FUD RAT**
  - Developed in C++
  - Abilities  
*Key-Logger*  
*File-Transfer*  
***Fully undetectable** by VirusTotal.com*

## SKILLS

Databases	★★★★★
Web App Development	★★★★★
Mobile App Development	★★★★★
JavaScript	★★★★☆
C++	★★★★☆
C#	★★★★★
React-Native	★★★★☆
HTML, CSS	★★★★★
PHP	★★★★★
Node.JS	★★★★★
UI/UX	★★★★★
Graphic design	★★★★☆
Adobe Photoshop	★★★★☆
Penetration	★★★★☆

## COURSES

✓ Desktop Apps	1. // C# Programming 2. // Object-oriented Programming 3. // SQL-Server + Databases 4. // Socket-Programming
> WinFormApps, WPF	
✓ Mobile Apps	1. // Java programming 2. // Mobile UI Design 3. // SQLite
> Android Applications	
✓ Cross-Platform	1. // JavaScript 2. // React-Native 3. // Responsive App Design 4. // Xamarin
> iOS + Android	
✓ BACK-END Dev	1. // Node.JS (Request Base apps) 2. // Python (Exploits, Algorithms) 3. // PHP (App Back-end, REST API)
> CPU-BasedApps+API	
✓ UI/UX Design	1. // Adobe Photoshop 2. // HTML5, CSS3 (WEB UI) 3. // Android + iOS Native-UI 4. // Progressive Web-Apps
> App+WebUI, Graphic	
✓ Other	1. // CCNA at Alef institution 2. // Chrome Extensions 3. // MetaTrader Indicators + Expert 4. // WordPress, Open Cart
> Network, ...	

- Mobile Applications**
  - +28 Apps published in App Markets
  - Native Java, React-Native, Flutter
- Chrome Extensions, MetaTrader Indicators and Experts**
- Desktop Apps with C#.NET**
- AI Automations with ANN**