

# RASOUL REZVANIJALAL

**Location:** Tehran, Tehran, Iran

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**GitHub:** <https://github.com/Rasoul-RezvaniJalal>



## PERSONAL INFORMATION

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<b>Date of birth</b>	December 16, 1995
<b>Place of birth</b>	Hamedan, Iran
<b>Nationality</b>	Iranian
<b>Marital status</b>	Single

## EDUCATION

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<b>MS</b>	Iran University Of Science and Technology, Computer Engineering, Software Engineering, Tehran, Iran Grade: 18.11 / 20	<i>Sep 2021 – Present</i>
<b>BS</b>	Bu-Ali Sina University, Computer Engineering, Software Engineering Hamedan, Iran Grade: 13.40 / 20	<i>Sep 2014 – July 2019</i>

## RESEARCH EXPERIENCE

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*Under Preparation*

**Paper,** Iran University of Science and Technology, Tehran, Iran *March 2023 - Present*  
Title: “Adaptive metamorphic testing for continues controllers with a software-in-the-loop approach”

- Keywords: metamorphic testing, on-line learning, Test data generation, PID controller, Software-in-the-loop

*Under Preparation*

**Paper,** Iran University of Science and Technology, Tehran, Iran *June 2023 - Present*  
Title: “Predicting the importance and type of damage in non-executable malicious complex files”

- Keywords: malware detection, Malware classification, malware importance, Complex non-executable files, Automated Software Testing

**Master’s Thesis,** Iran University of Science and Technology, Tehran, Iran *April 2023 - Present*  
Supervisor: Dr. Saeed Parsa

Title: “Predicting the importance and type of damage in non-executable malicious complex files”

- Keywords: malware detection, Malware classification, malware importance, Complex non-executable files, Automated Software Testing

## TEACHING EXPERIENCE

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**Iran University of Science and Technology**, Tehran, Iran

*Oct 2022 - Jan 2023*

**Teaching Assistant**, Computer Engineering Department

Professor: Saeed Parsa

- Compiler Design

**Iran University of Science and Technology**, Tehran, Iran

*Oct 2023 - Present*

**Teaching Assistant**, Computer Engineering Department

Professor: Hossein Rahmani

- Data Mining

## HONORS AND AWARDS

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- |   |                            |
|---|----------------------------|
| • Ranked 4 <sup>th</sup> among 25 master's students                                       | <i>June 2023</i>           |
| • Participation in the Elite Foundation plan  | <i>Jan 2023 - Sep 2023</i> |
| • Ranked 3 <sup>rd</sup> in Mobile application competition marathon                       | <i>Sep 2017</i>            |
| • Ranked 2 <sup>nd</sup> in Handball competitions for students of the west of the country | <i>Dec 2016</i>            |
| • Ranked 4 <sup>th</sup> in National table tennis tournaments                             | <i>July 2009</i>           |

## PROFESSIONAL AFFILIATIONS

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*Full-time*

**Amnpardaz Software Co**, Tehran, Iran

*April 2019 - mar 2020*

**Malware Analyst**, Padvish Project

- Analyze malicious file
- Create signature based for them
- Develop cleaner for each type of malwares
- Configure Virtual-Box in order to detect malicious behaviors

*Full-time*

**Amel System**, Hamedan, Iran

*April 2018 - mar 2019*

**Noc Specialist**

- Data Center Maintenance
- Network Monitoring
- Attending in BMS Course

*Internship*

**Tolu Ideh Amn**, Hamedan, Iran

*Jun 2018 – Feb 2019*

**Cybersecurity**

- Learning about malwares
- Learning about Data Center

## LANGUAGES

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**Persian:** Native Language

**English:** Advanced Listener, Advanced Speaker, Advanced Reading, Upper-intermediate Writing

## COMPUTER SKILLS

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### Programming Languages

VBA  
C++  
Python

### Malware Analysis Tools

OllyDbg  
IDA Pro  
Process Monitor  
API Monitor  
Cuckoo Sandbox  
VMWare Workstation  
WireShark

### UI/UX Design Technologies

HTML  
JavaScript

### General Technologies

PID Controller  
Reinforcement learning  
Fixed-size-candidate-set ART  
Metamorphic Testing

### Python Libraries

TensorFlow  
Scikit-learn  
Keras  
Pandas  
Numpy  
Matplotlib  
Selenium

### Other Tools

Pycharm  
GitHub  
Jupyter Notebook  
Linux  
Visual Studio  
ANTLR

## HOBBIES

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- Going to the gym
- Listening to Music
- Playing Ping-Pong
- Playing Handball

## REFERENCES

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### Dr. Saeed Parsa

Faculty member  
Computer Engineering Department  
Iran University of Science and Technology  
Tehran, Iran  
Email: [parsa@iust.ac.ir](mailto:parsa@iust.ac.ir)

### Dr. Hossein Rahmani

Faculty member  
Computer Engineering Department  
Iran University of Science and Technology  
Tehran, Iran  
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### Dr. Mehrdad Ashtiani

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Iran University of Science and Technology  
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