

# Amirmasoud Razavi

Islamic Azad University

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## Personal Profile

Passionate Computer Engineering student at Islamic Azad University, Karaj Brach, with a foundation and experience in Cybersecurity. I'm interested in both offensive and defensive security. Solving the complex challenges of security problems in real-world situations piques my interest.

## Education

### Islamic Azad University

B.Sc. in Computer Engineering

Karaj, Iran

Feb 2024 - Graduated

- CGPA: 16.69/20
- Final Project: "Purpl3 OS"
- Final Project CGPA: 20/20
- Advisor: Dr. Sasan harifi

## Interests

Reverse Engineering

Cryptography

Zero Knowledge Architecture Virtualization

Malware Analysis

Bug Bounty

GFW Censorship Bypassing

## Selected Courses

Internet Engineering: 18.4/20

Fundamental of Secure Computing: 17/20

Computer Programming: 17/20

Operating Systems: 18/20

Microprocessor and Assembly Language: 18/20

Fundamental of Data Mining: 18/20

## Work Experience

### Teaching Assistant

TA at Islamic Azad University Karaj Brach

Karaj, Iran

2023 - 2024

- I had the honor of being a TA for the Operating Systems, Operating Systems Lab and Basic Programming curriculum under the supervision of Dr. Sasan Harifi for two semesters.

### ISO 27001 Specialist

Internship at Iran Alumina

Jajarm, Iran

June 2023 - Jul 2023

- One month mandatory internship from the university.

### IT Security

Internship at Paya Net Afzar

Tehran, Iran

Aug 2023 - Nov 2023

- Four months of internship.

### Junior Bug Bounty

Freelance

Sep 2024 - Ongoing

- Javascript bug hunter.
- OWASP Top 10.
- API Exploitation.

### Sanctuary Services

Anti GFW Censorship VPN

March 2024 - Ongoing

- Personal entrepreneurship project.
- Sanctuary Services provides various VPN and VPS services to its users for maintaing their privacy and security at all times.
- Sacntuary VPNs bypasses all of the ultra strict GFW Censorship and DPI Limitations without affecting the user internet quality.
- Sanctuary Services has zero log policy and does not tolerate any form of privacy violation of its users.
- Due to the privacy focused nature of the service, by hosting its own DNS any form of unwanted tracking, advertisement, scam domains, malware honey pots and etc. is eliminated.

# Projects and Research Experience

**A Giza Pyramids Construction metaheuristic approach based on upper bound calculation for solving the network reliability problem**

December 2024

Elsevier, Applied Soft Computing Volume 167, Part A.

- <https://doi.org/10.1016/j.asoc.2024.112241>
- **Technical Skills:** Matlab, Computer Networks, Researching.
- **Soft Skills:** Teamwork, Leadership, Passion, Dedication

**Purpl3 OS**

2023

Final Project of BSc

- A lightweight yet modern Linux Distro based on Debian/Ubuntu.
- Designed and optimized for the extremely outdated lab computers of Azad University Karaj Brach.
- Runs just under 400 Mb of RAM and at 1 Core of CPU.
- Optimization of CPU Governance, I/O, Boot-loader, Kernel, Background Services.
- With modern and custom GUI with up to date kernel, Capable of running the newest packages with ease
- **Technical Skills:** Linux, Computer Networks, Bash, C, C++.
- **Soft Skills:** Curiosity, Passion

**Anti GFW VPN**

March 2024

Personal Project

- Successfully developed a VPN to bypass the GFW
- Utilizes various methods and techniques in order to mask the users connection as if it is a simple http traffic visiting a webpage.
- Very light weight with little overhead.
- Completely encrypted to ensure user safety.
- **Technical Skills:** Linux, Computer Networks, Python, C++.
- **Soft Skills:** Curiosity, Dedication, Researching

**Privacy Goggles**

Ongoing

An ongoing project

- A project with the sole purpose of protection against unauthorized ai surveillance
- Disguised as a stylish sunglasses protecting both your eyes and your privacy by disrupting the ability of computer vision and facial recognition algorithms
- **Technical Skills:** C, CodeVisionAVR, Proteus, Microprocessor Hardware, Electronic Hardware
- **Soft Skills:** Critical Thinking.

**Simple SSH Cracker**

2024

Personal Project

- Simple educational SSH cracker to understand the procedure and how to encounter it
- **Technical Skills:** C++, Linux, Scripting.
- **Soft Skills:** Curiosity

# Skills

Programming

Python ●●●●●, CSS/HTML ●●●●●, JavaScript ●●●●●, SQL ●●●●●, and C++ ●●●●●.

Also familiar with Matlab.

Miscellaneous

Computer Networks ●●●●●, Linux ●●●●●, Wireshark ●●●●●, Burp Suite ●●●●●, Metasploit ●●●●●, Git ●●●●●, and LaTeX ●●●●●.

Soft Skills

Teamwork, Leadership, Presentation Skills, Mentoring, Reliability, Brainstorming, Curiosity, Problem Solving, and Public Speaking.

# Achievements

2023	<b>Best Project Award</b> , Islamic Azad University Karaj Brach, Fall Semester
Ongoing	<b>Nominated Best Research Award</b> , Islamic Azad University Karaj Brach

# Interests

<b>Researching</b>	I love Researching about Politics, Social Studies, Religion and anything related to Privacy or Cybersecurity
<b>Cooking</b>	As an avid foodie I really enjoy cooking and baking different recipes from from various cuisines
<b>Video Games</b>	At the end of the day the only thing that could make me relaxed is playing video games and socializing with my friends from all over the world.
<b>Exercising</b>	Whether if its hiking in the mountains or boxing in the ring, I enjoy most forms of exerciser and working out

# Languages

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**English** Professional proficiency - IELTS: 7.5/9  
**Persian** Native proficiency

# Refrences

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**Sassan Harifi** Assistant Professor s.harifi@kiau.ac.ir  
**Amineh Amini** Assistant Professor amini.kiau@gmail.com