

EDUCATION

BSc in Mathematics, University of Tehran

[2021 2025]

TECHNICAL SKILLS

- **Programming Languages:** Python, Bash
- **Tools & Platforms:** Joplin, \LaTeX , Git, Vim, Pandoc
- **Systems:** Linux System Administration, Network Fundamentals, Docker, Kubernetes.
- **Interests:** Mathematics, Cryptography, CTFs, Secure Programming, Linux

PROJECTS

- **ATM Simulator** [Nov 2021 Dec 2021]
 - Implemented core banking features including fund transfers, withdrawals, PIN management, and balance inquiries.
 - Developed a user-friendly GUI with Python's Tkinter library to provide a seamless banking experience.
- **Weiners Attack on RSA** [Aug 2022 Sep 2022]
 - Implemented Wiener's attack using elementary number theory tools.
 - Analyzed RSA vulnerabilities under low private exponent conditions and formulated potential countermeasures.

RELEVANT ACADEMIC COURSES

- Introduction to Cryptography, [Introduction to Mathematical Cryptography](#)

EXTRACURRICULAR ACTIVITIES

- **Quera Security Hackathon** [Apr 2023]
[Certificate Link](#)
 - Competed in a security-focused hackathon hosted by **Quera**.
 - Focused on cryptographic problem-solving and Linux-based challenges.
- **CTF Competitor** [2022 Present]
 - Competed in various CTFs, specializing in cryptographic challenges.

ONLINE PORTFOLIO

- **GitHub:** github.com/aliztty
Project source code and coursework repository.
- **Portfolio:** aliztty.github.io
Notes and writeups on detailed projects and courses.

LANGUAGES

- **Persian** (Native), **English** (Fluent)