

# Younes Kazemi Moghaddam

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## ABOUT ME

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I am a dedicated Computer Science student with a strong foundation in programming, algorithms, and system design. I am currently deepening my knowledge of Linux and exploring cybersecurity, aiming to build secure and efficient software solutions. Passionate about problem-solving and continuous learning, I enjoy applying theoretical concepts to practical projects.

## EDUCATION

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2023 – 2027 (expected) **B.Sc. in Computer Science**, Amirkabir University of Technology, Tehran  
GPA: 3.93/4.0 (19.63/20)  
Relevant Coursework: Advanced Programming (Java), Data Structures & Algorithms (C++), Principles of Operating Systems, Artificial Intelligence (Python), Discrete Mathematics, Linear Algebra, Probability & Statistics, Computation Theory

## TEACHING EXPERIENCE

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**Teaching Assistant, Amirkabir University of Technology** Spring 2025 – Present  
– Advanced Programming (Java), Spring 2025 – Assisted Professors Mehdi Ghatee and Behnam Yousefimehr  
– Data Structures & Algorithms (C++), Fall 2025 – Assisting Dr. Zahra Ghorbanali  
– Advanced Programming (Java), Fall 2025 – Assisting Dr. Rouhollah Ahmadian  
– Principles of Operating Systems, Fall 2025 – Assisting Dr. Zahra Ghorbanali

## CERTIFICATIONS

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May 2025 Samsung Solve for Tomorrow – Design Thinking Course  
May 2025 Tech Journey Camp, DotinSchool

## PROJECTS

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**Shopping Mall System** Java, MySQL, Swing  
Designed a shopping mall management system with separate modules for administrators and clients. Supported product management, shopping cart, and purchase functionalities. [[GitHub Repo](#)]

**Swing Calculator** Java, Swing  
Developed a lightweight GUI calculator supporting basic arithmetic, decimals, sign toggling, and editing operations. [[GitHub Repo](#)]

**AI Project Collection** Python  
Implemented assignments in pathfinding, adversarial search, constraint satisfaction, genetic algorithms, and machine learning pipelines. Focused on applying theoretical AI concepts to practical coding tasks. [[GitHub Repo](#)]

**Strong Password Generator** C  
Created a password generator producing secure 16-character passwords with letters, numbers, and symbols, with clipboard support on Windows. [[GitHub Repo](#)]

# TECHNICAL SKILLS

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Programming Languages	Java, Python, C, C++
Tools & Technologies	Linux, Git, VS Code, Jupyter, NumPy, Scikit-learn
Core Knowledge	Data Structures, Algorithms, Computation Theory, Linear Algebra, Probability

# LANGUAGES

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Persian	Native
English	Fluent
French	Beginner