

# Amirsadra Abdollahi

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## EDUCATION

- **Sharif University of Technology** Tehran, Iran  
*B.Sc. in Computer Engineering* *Sep. 2019 - Expected May. 2024*  
*GPA: 18.91/20 (3.93/4.00)*

## WORK EXPERIENCE

- **Cafe Bazaar** *Jan. 2022 - Present*  
*Software Engineer*
  - Providing technical support to multiple teams during on-call rotations to deploy and debug their deployments.
  - Maintaining and installing multiple cloud-native tools on the Kubernetes cluster.
  - Designing and developing highly available backend services and delivering the product's needed features in Python and Go.
  - Deploying and monitoring microservices with cloud technologies like Kubernetes and Prometheus.

## RESEARCH EXPERIENCE

- **Title Generation** Sharif University of Technology, Tehran, Iran  
*Research Assistant at the Intelligent Software Engineering (ISE) Lab* *Sep. 2023 - Present*  
*Supervisor: Prof. **Heydarnoori***
  - Topic: Generating automatic title for GitHub issues

## TEACHING ASSISTANT EXPERIENCE

- **Programming Languages**, Prof. Izadi *Fall 2023*
- **Software Engineering**, Prof. Rivadeh *Fall 2023*
- **Systems Analysis and Design**, Prof. Aghamohammadi *Fall 2023*
- **Machine Learning**, Prof. Sharifi-Zarchi *Fall 2022*
- **Artificial Intelligence**, Prof. Rohban *Fall 2022*
- **Artificial Intelligence**, Prof. Rohban *Spring 2022*
- **Probability and Statistics**, Prof. Najafi *Spring 2021*
- **Advanced Programming**, Prof. Fazli *Fall 2020*

## ACADEMIC PROJECT

- **Object-Oriented System Design** Spring 2023  
*Designing, developing, and deploying an object-oriented system using Django, Docker, and CICD*
- **Data and Network Security** Spring 2023  
*Designing and developing a HTTPS-level secure messenger using Python*
- **Computer Simulation** Spring 2023  
*simulating queue-based systems with different parameters using Python*
- **Operating Systems** Fall 2022  
*Improving and debugging an existing project(extended ECS150 file system)*
- **Systems Analysis and Design** Fall 2022  
*Designing and developing the backend service for a web application using Django and Docker*
- **Advanced Programming** Spring 2020  
*Designing and developing an online shopping platform in Java*

## HONORS AND AWARDS

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- **Member of Iran's National Elites Foundation**
- **Member of the Sharif Basketball Team**
  - Won 1<sup>st</sup> place in Iran 3x3 competition between all universities.
  - Won 3<sup>rd</sup> place in Tehran, and found our way to the nation-wide Olympiad.
- **Ranked 121<sup>th</sup> in the Nation-Wide University Entrance Examination**
  - *B.Sc. in Mathematics and Physics, among over 164,000 participants, 2019, Iran*

## TECHNICAL SKILLS

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- **Programming Languages:** Python, Go, C, C++
- **Cloud Technologies:** Kubernetes, Ceph, Prometheus
- **Web Development & Database:** Django, Gin, Postgresql, MongoDB
- **Miscellaneous:** Git, Linux, Docker, L<sup>A</sup>T<sub>E</sub>X